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1913/14

BULLETIN
OF
A. & M. COLLEGE

PUBLISHED BY

Agricultural & Mechanical College
For the Colored Race



GREENSBORO, - NORTH CAROLINA

Issued Quarterly

Vol. 8

DECEMBER, 1914

No. 3

CALENDAR, 1914-1915

Entered as Second-Class Matter, July 2nd, 1909, at the Postoffice at
Greensboro, N. C., under Act of July 16th, 1894

ANNOUNCEMENTS

1. **REGISTRATION FEE.**—Each student will be required to pay upon entering each session a registration fee of \$2, and a library fee of \$1.

2. **MEDICAL FEE.**—Every student lodger must pay one dollar medical fee. There will be no further charges for medical attention; but this fee does not include expenses for medicine, bandages or dressings.

3. **VACCINATION.**—Each student will be required to be vaccinated on entrance unless he can satisfy the College physician that vaccination is unnecessary.

4. **LODGING DEPOSITS.**—On account of limited accommodations, students can secure rooms at once by paying one dollar for September lodging. In case of sickness or inability to attend, the one dollar will be refunded, provided application for its return is made before September 1, 1914.

5. **SPECIAL EXAMINATIONS.**—Entrance examinations and examination for the removal of conditions will be held September 1, 2, 3 and 4. All students with conditions should avail themselves of the opportunity. As special examinations are *not held* during the session, no conditions will be moved except during the examination weeks.

Each student must pay on entering all entrance fees and expenses for his first month.

CALENDAR FROM JUNE 1, 1914, TO MAY 31, 1915.

1914.

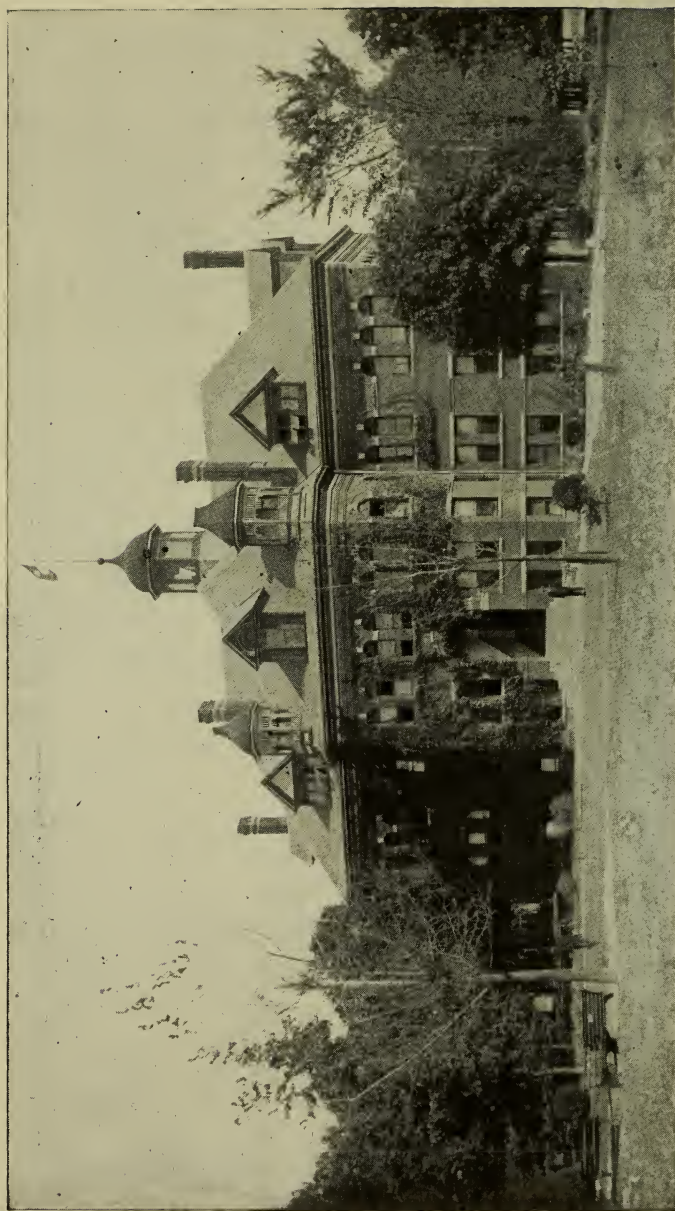
JUNE							JULY							AUGUST						
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1914-1915

DECEMBER							JANUARY							FEBRUARY						
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Main Building.

TWENTIETH ANNUAL CALENDAR

OF THE

**Agricultural and Mechanical College
For the Colored Race**

GREENSBORO, NORTH CAROLINA

1914-1915

**THE RECORD JOB OFFICE
Greensboro, N. C.**

CALENDAR 1914-1915

September 1, 2, 3, 4—Entrance examinations and examinations for removal of conditions.

September 5—Registration day.

September 7—Fall Term begins.

November 24-27—Fall Term examinations.

November 30—Fall Term ends.

December 1—Winter Term begins.

February 23-26—Winter Term examinations.

February 28—Winter Term ends.

March 1—Spring Term begins.

May 21-26—Spring Term examinations.

May 24—Baccalaureate sermon.

May 27—Commencement.

July 5—Summer School.

HOLIDAYS

Thanksgiving Day.

Christmas Day and New Year's Day.

Washington's Birthday, February 22.

Easter Monday.

SPECIAL DAYS

Arbor Day (day after Thanksgiving)—Special programme by Department of Agriculture and Chemistry.

Douglas' Birthday, and Lincoln's Birthday, February 12. Special programme by English Department.

Morrill's Birthday, April 14—Agricultural and Mechanical Societies have special programme.

BOARD OF TRUSTEES

W. H. Allen	Wayne County
M. W. Bell	Cherokee County
W. E. Brooks	Chatham County
W. A. Darden	Pitt County
F. W. Dunlap	Anson County
W. A. Enloe	Jackson County
J. I. Foust	Guilford County
W. L. Kluttz	Rowan County
J. B. Minor	Guilford County
R. W. Morphis	Rockingham County
M. C. S. Noble	Orange County
W. P. Stacey	New Hanover County
J. E. Swain	Buncombe County
C. M. Vanstory	Guilford County
W. L. Vaughan	Beaufort County

OFFICERS OF TRUSTEE BOARD

M. C. S. Noble, Chairman.
A. T. Whitsett, Secretary.

FACULTY AND OFFICERS

JAMES B. DUDLEY, A. M., LL. D., President and Head of the English Department.

JUNIUS ROOKS, Steward, 1895.

J. H. BLUFORD, B. S., A. M., Director of the Agricultural Department and Instructor in Agriculture and Chemistry. 1902.

W. N. NELSON, A. B., Instructor in Drawing and Carpentry. 1903.

MARTIN GOINS, Secretary and Librarian. 1907.

A. T. WHITSETT, Treasurer. 1909.

A. D. WATKINS, Instructor in Bricklaying and Plastering. 1909.

B. W. BARNES, B. Agr., Instructor in Dairying. 1909.

S. B. JONES, B. A., M. D., Director of the Academic Department and College Physician. 1910.

M. S. SANDERS, B. S. M., Instructor in Broommaking. 1909.

CHARLES E. STEWART, B. D., Instructor in Music and General History. 1909.

C. L. FOSTER, B. S., Instructor in Forging and Wheelwrighting. 1910.

D. K. CHERRY, A. B., Instructor in Mathematics. 1911.

W. F. COLEMAN, Instructor in Geography and U. S. History. 1911.

A. L. MEBANE, B. Agr., M. S. A., Instructor in Dairying and Animal Husbandry. 1911. Farm Superintendent 1914.

L. P. BYARM, B. S. M., Assistant Instructor in Machine Shop Practice. 1911.

R. H. HAMPTON, B. S., Instructor in Horticulture. 1912.

F. D. WHARTON, B. S. A., Instructor in Market Gardening. 1912.

W. L. HORNE, Assistant Secretary. 1912.

D. J. JORDAN, M. S., LL. B., Instructor in the Academic Department and in charge of the Teachers' Training Department.

E. W. FISHER, Instructor in Machine Wood Turning. 1912.

F. D. BLUFORD, A. B., Pd. B., Instructor in the Academic Department. 1912.

F. C. JOHNSON, B. S., Director of the Mechanical Department and Instructor in Higher Mathematics. 1913.

R. C. CAMPBELL, Instructor in Machine Shop Practice and in charge of heating system. 1913.

C. C. AMEY, B. S., Registrar and Bursar. 1914.

W. H. MARKHAM, B. S., Assistant Registrar. 1914.

THE AGRICULTURAL AND MECHANICAL COLLEGE FOR THE COLORED RACE.

This college was established by an act of the General Assembly of North Carolina, ratified March 9, 1891. The leading object of the institution is declared by the Act to be instruction in practical agriculture, the mechanic arts and such branches of learning as relate thereto.

The management and control of the college and the care and preservation of all its property is vested in a Board of Trustees, consisting of fifteen members, who are elected by the General Assembly, or appointed by the Governor, for a term of six years.

The Trustees, by the Act of the Legislature, have power to prescribe rules for the management and preservation of good order and morals at the college; to elect the president, instructors, and as many other officers and servants as they shall deem necessary; have charge of the disbursements of the funds, and have general and entire supervision of the establishment and maintenance of the college.

The financial support of the college for the payment of salaries and purchase of apparatus and equipment is derived, for the most part, from the United States, under an Act of Congress, known as the "Morrill Act," passed August 20, 1890. This Act makes an annual appropriation for each State and Territory for the endowment and support of colleges for the benefit of agriculture and mechanic arts to be applied "only to instruction in agriculture, the mechanic arts, the English language and the various branches of mathematics, physical, natural and economic sciences, with special reference to their application in the industries of life and to the facilities of such instruction."

The college also receives an appropriation from the State

for general maintenance, which cannot be provided for under the laws governing the use of Federal appropriations.

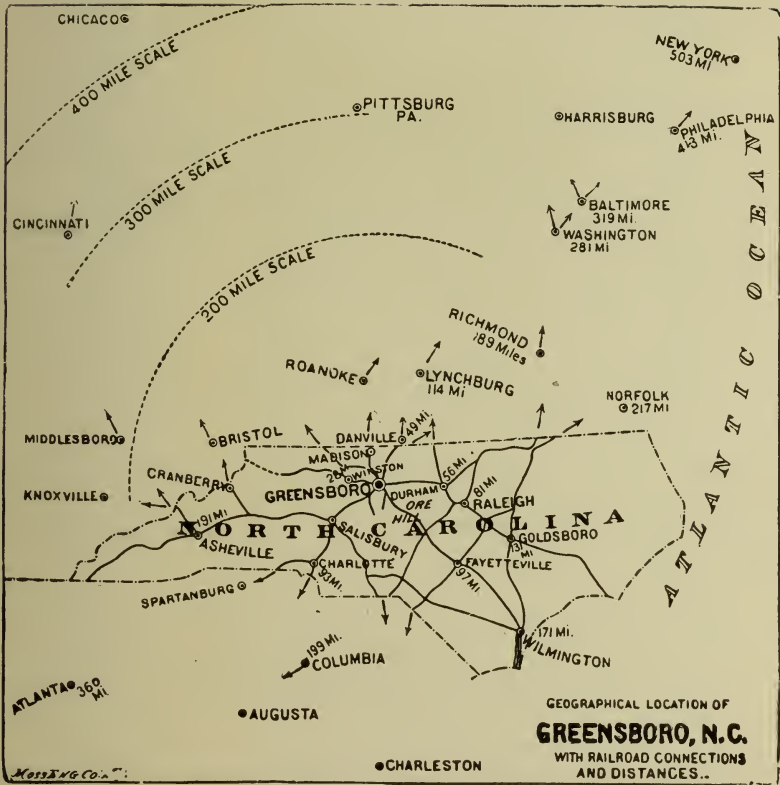
The citizens of Greensboro donated fourteen acres of land and \$11,000, to be used in construction of buildings. In 1893 this was supplemented by an appropriation of \$10,000 by the General Assembly. The main building, one of the finest school edifices in North Carolina, was completed in 1893, and the school opened in the fall of that year.

Every Negro who will observe the splendid record of success and of usefulness which the graduates almost without exception are making must naturally feel grateful to the "Old North State" for the excellent work that this Commonwealth is doing for the uplift of its Negro citizens. Every intelligent citizen, black or white, who will note the substantial interest and splendid support that this institution is receiving from every State official and from the representatives of the people in every Legislature, must admire the wise and liberal treatment North Carolina is giving for the maintenance of helpful institutions for her Negro citizens, and ever appreciate the excellent results that are being accomplished. It is certain no Negro can study the important work of this institution and its influence for the advancement of all people without feeling a stronger sense of obligation to his State that he should strive to be a better, truer and more patriotic citizen of the great State of North Carolina.

ADMISSION

Before coming to the college every new student should write for an application blank. This should be filled out and returned to the President. The student will then be informed whether his application has been accepted. He should not leave home for the college until he receives word that his application has been accepted.

Applicants must be in good health and not under 16 years



of age; must understand fairly well the forms and rules of the English language, must know addition, subtraction, multiplication and division of whole numbers, and have a knowledge of geography and history.

Entrance examinations will not be required of students who have completed the eighth grade in the grammar schools, or who can furnish evidence that they have completed in reputable schools courses similar to those completed by the class to which they seek admission.

A student otherwise qualified may be allowed to elect certain studies from the regular courses already provided in the College if no inconvenience result to the regular classes.

Each student desiring admission should present a recommendation from the school last attended.

TUITION

Tuition of one dollar per month, payable in advance.

A limited number of students from each county will be allowed free tuition. For further information on this subject, address the President.

EXPENSES

Parents and guardians are advised to send direct to the President of the college all sums of money intended to defray expenses of students. If this suggestion is followed, it will not be possible for a student to spend for other purposes money sent him to meet his school bills. School bills must be paid by cash, postoffice money order, express money order, or bank draft. Personal checks are not accepted.

Although it is the aim of the college to furnish as much employment as possible to assist students in defraying expenses,



View of Campus.

no promise nor guarantee can be made in advance to furnish such work.

Students who work during the day and attend school at night will be allowed ten dollars a month. This will meet all their current expenses. They should be prepared to pay the expenses of the first month in the same way as day students.

The charges made by the college for board, lodging and tuition must be settled in advance the first day of each month. The college does not hold students on credit. No monthly payment will be returned and no student will be credited with fractional parts of monthly payments, except that students entering may make their initial payment to the first of the next month.

Positively no student will be allowed to enter any department of the college without paying in *cash* the first month's expenses, as stated below.

The first month's expenses will be about \$20.00. Expenses for subsequent months will be between \$6.00 and \$8.00.

Matriculation fee, payable once only by new students....\$5.00

MONTHLY PAYMENTS.

Tuition, per month	\$1.00
Lodging—use of room, bedding, etc., per month.....	1.00
Board, per month	5.00

TERM PAYMENTS.

Chemical Laboratory Fee	\$1.00
Physical Laboratory Fee50

YEARLY PAYMENTS.

Incidental Deposit	\$2.00
Registration Fee (for former students only)	1.00
Dining Hall Fee	1.00
Medical Fee	1.00
Library Fee	1.00
Athletic Fee50

These charges are payable strictly in advance.

Students at the time of the advance payments will be given tickets, which will admit them to class-rooms, work-shops and dining-hall when properly countersigned.

In addition to the above expenses the cost of text books must be considered. This will amount to about \$12.50 per year.

Free tuition or county students will pay \$1.00 per month less than the above.

Board, lodging, medical fee, tuition, and incidental deposit must be paid before the rooms are assigned and tickets of admission to class-rooms, work-shops and dining-hall are issued.

In addition to the above charges each student will be required to give at least three hours work per week.

SUPPLIES

Each student must bring a hairbrush and comb, toothbrush, a change of sheets and pillowcases and counterpanes, plainly marked.

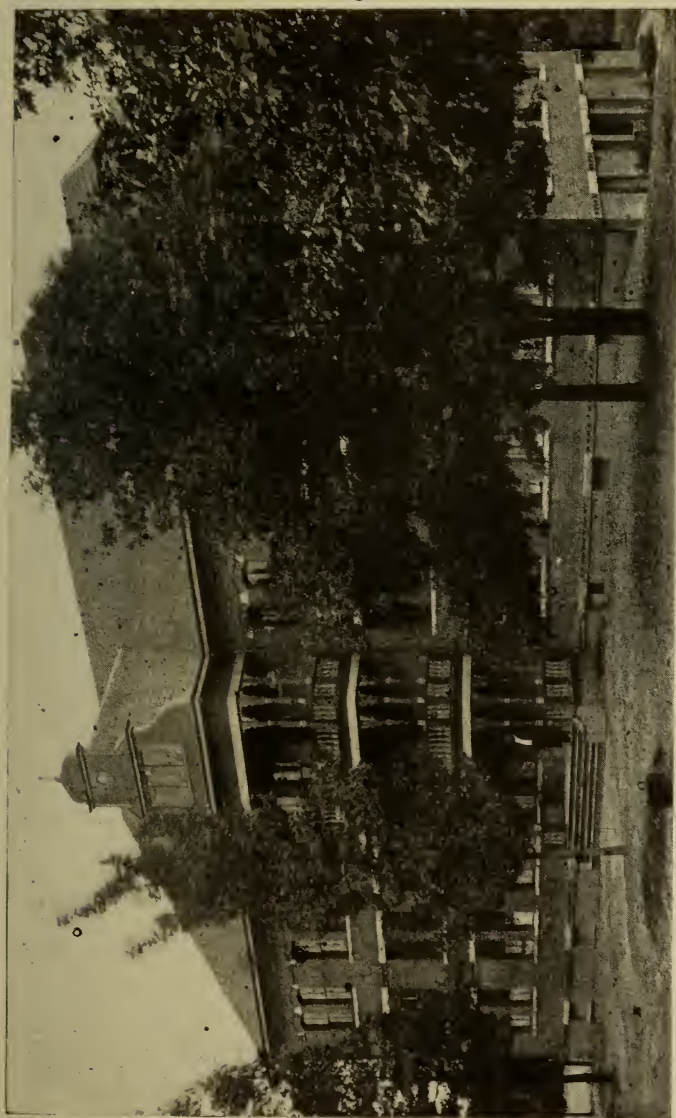
All students must furnish books, stationery, drawing pencils, thumb tacks and medicines.

Each student must keep on deposit \$2.00 to cover any charges which may be made against him for damages done.

It is desired that all students be uniformed. A student returning to the college must show that he owns, or has placed an order for, a uniform before he can receive advanced classification cards. Our regular college uniforms are neat and attractive and can be worn at all times. The prices are as follows: Cap, \$1.75; coat, \$7.00; pants, \$3.50. More expensive uniforms can be had if desired. The regular uniform is made of very good material and should last the average student at least two or three years.

No student organization will be allowed to leave the college in a body without being in uniform.

No student lodging on the campus will be permitted to leave the campus without being in uniform.



South Dormitory.

RULES GOVERNING CLASSIFICATION

1. Regular students must take a minimum of fifteen hours of credit work per week at least six of which shall be industrial or manual training work.

2. Examinations for the removal of conditions will be held at no other time than the regular term examination periods.

3. Students making an average of 70 per cent. or more will be passed; over 85 per cent., passed honorably.

4. Student candidates for graduation will be required to pass a satisfactory examination in all the subjects in their respective courses.

5. Any student failing to secure 50 per cent. of the total marks obtainable during any term, will be required to take a lower class or sever his connection with the college and be allowed to return the following session.

GRADUATION

It is the aim of this institution to send forth men who are fit representatives. To this end, the faculty reserves the right to refuse to admit any student to the Senior class or to graduate any one who, though qualified by class record, may otherwise be unfit.

Students graduating from the Trade School Courses are entitled to Certificates.

Students are entitled to a Diploma of the college upon the completion of the prescribed courses.

Candidates for graduation from the college, in addition to the work outlined in the catalogue, must spend at least one summer at the college for instruction in practical work, unless they furnish satisfactory reports from responsible persons as to their efficiency.

DEGREES

Students graduating from the Agricultural Course shall be entitled to the degree of Bachelor of Science in Agriculture.

Students graduating from the Mechanical Course shall be entitled to the degree of Bachelor of Science in Mechanics.

Members of the Senior class must deposit the fee for Diploma thirty days before commencement day.

GENERAL INFORMATION

Students desiring assistance in defraying expenses, as far as possible, will be allowed to work at the rate of 3 to 9 cents per hour, for which they can get credit each month at the time of their advanced payment.

Students receiving aid by labor which they may secure at the college are requested to observe: (a) That credit on school expenses, and not money, will be allowed for student labor; (b) that credit cannot be transferred from one student to another.

The several industries operated by the school afford opportunity for needy but industrious students to help themselves. It is impossible to state definitely and in advance how much a student, and especially a new one, would earn per month. This largely depends upon his individual application and energy. All can earn something each month, while the most industrious and energetic student will regularly earn more than his expenses.

Students, upon their arrival in Greensboro, must report immediately to the President for a permit for examination and registration.

Each student upon applying for admission will be required to sign a pledge, binding obedience to the rules of the college. Parents and guardians are particularly requested to examine



Library.

our Rules and Regulations, to be found on another page of this catalogue.

It will be the purpose of the college to maintain a high moral tone and to develop a broad, tolerant religious spirit among the students. In this connection there is a well-organized Y. M. C. A., which meets twice a week for song and praise. A special service will be conducted in the chapel each Sunday by pastors representing the different denominations of the city. Sunday school is conducted every Sunday during the school year. All religious services will be free from sectarianism. A flourishing Temperance Society is now in operation.

There are two literary societies, the Dunbar and Douglass, which greatly stimulate the development of character and the training of the intellect. These offer facilities for practice in debate, oratory, declamation and essay writing; the members become practically familiar with parliamentary law and usage. The faculty, by presence and advice, will seek to encourage these societies. Membership in one or the other of these societies will be compulsory. There are two technical societies, in which special topics in connection with agriculture, mechanics and chemistry are considered in a manner conducive to independent thought and research.

Students whose parents or guardians do not live in Greensboro or its immediate vicinity, will be required to room and board in the college—except when the consent of the Faculty has been secured by the written request of the parent or guardian. Consent will only be given, however, when the judgment of the Faculty directs that it can be done, with safety; as the college cannot, nor does it desire to rid itself wholly of the responsibility out of school hours of the conduct of students who do not room and board in the college.

Students who lodge at the college will not be allowed to work in the city except in the employment of the college.

The *industrial* part of each course of instruction applies to all students, *and none will be excused therefrom.*

INDUSTRIAL MUSEUM

An Industrial Museum has been started and already valuable collections of work done by students are to be seen. We have collections representing the work in carpentry, blacksmithing, and the various trades; also specimens from the Agricultural, English and Dairy Departments. Such articles for exhibit are collected once every month.

RULES AND REGULATIONS

1. The signal for rising will be given at 5.45 a. m. Dressing and arranging rooms, 5.45 to 6.15 a. m. Inspection, 6.15. Breakfast, 6.30 to 7 a. m. Study hour, 7 to 8. Chapel, 8 to 8.30 a. m. Morning session, 8.30 to 12 a. m. Dinner from 12.10 to 1 p. m. Afternoon session, 1 to 4 p. m. Recreation, 4 to 6 p. m. Supper, 6.10 to 6.30 p. m. Study, 7 to 9.30. Night school session, 7 to 9.30. Inspection 10.15 p. m. Retiring signal and lights out 10.30 p. m.

2. Strict attention must be given to cleanliness and deportment. Each student is required to keep his room in good order and subject to inspection at any time, and to conduct himself at all times in a gentlemanly manner. To attain and maintain a high moral standard is one of the prime objects of this institution, and any student known to have vicious habits or to indulge in vulgar language will be deemed an unfit associate and will be expelled from the college. Untruthfulness or dishonesty in any form will not be tolerated. Students guilty of such offences will be promptly dismissed.

3. Students shall promptly attend prayers and chapel services and all special exercises, class and instruction work. Tardiness, or absence from these duties, will, when not excused, subject a student to demerits. Loitering within the main building by the students is prohibited.



Students, Instructor and Normal Teacher of Sunday School Class, 1914.

4. Students who interrupt the quiet and order of college life by noises in or near the buildings or who commit intentional damage to college property, or who make nuisance by throwing slops near the buildings or otherwise, will not be allowed to room on the grounds.

5. Students who persistently absent themselves from chapel and class work, or who persistently neglect college duties, or who absent themselves from college grounds contrary to Rules and Regulations, are not regarded as desirable companions for industrious, meritorious students, and will not be allowed to continue as students in the college.

6. Students must attend some church on Sunday morning. Parents or guardians should designate to the President of the College what church they wish their sons or wards to attend.

7. Any student shooting or having on his person, in his room, or on the College premises, rifles, spring guns, fire arms or deadly weapons of any kind whatsoever will be dismissed.

8. The use of playing cards, tobacco, spirits, malt or vinous liquors by the students is prohibited. Students are forbidden to enter any disreputable house, including places where intoxicants are sold, while absent from the college grounds.

9. Students are forbidden to go upon the roofs of buildings, or to enter or depart from buildings through windows, and they are also forbidden to enter the kitchen, store-rooms or pantry. Students are prohibited from entering the dining-room, except at meal time.

10. Strict discipline will be enforced in the dining room during meals. Students guilty of ill-mannered conduct in act or speech will be removed from the dining-room and punished for insubordination.

11. Students are forbidden to receive visitors in the dormitory buildings.

12. At all times the students shall deport and express them-

selves respectfully toward the Faculty and every member of it and also toward their fellow students. Any deficiency in this particular will be punished. A student failing to respond to any reasonable demands by any member of the Faculty shall be held guilty of contempt and punished accordingly.

13. No students will be retained after he has received thirty-four demerits in any one term of a session.

14. Every new student must be vaccinated before entrance, or present a doctor's certificate showing that he has been successfully vaccinated within two years.

15. A student cannot remain in good standing in any department when dismissed from another.

16. No diplomas shall be given to any student who is in debt to the College.

17. Any student found guilty of any species of dishonesty shall be dismissed or expelled, at the discretion of the Faculty.

18. Any student absenting himself from class one-third of the time during any month, without excuse, shall be dismissed.

19. Students are not permitted to walk on grass plots and will be demerited for this offence.

By order of

THE BOARD OF TRUSTEES.

NOTICE TO AGRICULTURAL STUDENTS

Agricultural students will take notice that beginning with the Spring Term of 1912 the following number of hours of practical work must be acceptably done before graduation from the college:

FRESHMAN CLASS.

Fall Term—75 actual hours, Greenhouse.

Winter Term—75 actual hours, Dairy.

Spring Term—75 actual hours, Greenhouse.

Total for Freshman—225 actual hours, divided as follows:
Greenhouse, 113 actual hours; Dairy, 113 hours.

SOPHOMORE CLASS.

Fall Term—75 hours, Greenhouse and Campus.

Winter Term—75 hours, Dairy.

Spring Term—75 hours, Greenhouse and Plots.

Total, 225 hours. Greenhouse, 113 hours; Dairy, 113 hours.

JUNIOR CLASS.

Fall Term—75 hours, Greenhouse and Plots.

Winter Term—75 hours, Dairy.

Spring Term—75 hours, Market Gardening on Plots.

Total, 225 hours. Greenhouse, 113 hours; Dairy, 113 hours.

Summer Term—320 hours, Farm. Total, 545 hours.

SENIOR CLASS.

Fall Term—75 hours, Farm.

Spring Term—75 hours, Farm.

Total, 150 hours.

TOTAL HOURS.

Greenhouse, 339 hours.

Dairy, 339 hours.

Farm, 470 hours.

Total, 809 hours.

NOTICE TO MECHANICAL STUDENTS.

Mechanical students will take notice that beginning with the

Spring Term of 1912 the following number of hours of practical work must be done satisfactorily before graduation from the College:

FRESHMAN CLASS.

Fall Term—75 actual hours in any shop.

Winter Term—75 actual hours in a shop other than that selected for the Fall Term.

Spring Term—75 actual hours in a shop other than the two selected in the Fall and Winter Terms.

SOPHOMORE CLASS.

Fall Term—75 actual hours, at the trade selected.

Winter Term—75 actual hours, at the trade selected.

Spring Term—75 actual hours, at the trade selected.

JUNIOR CLASS.

Fall Term—75 actual hours, 84 credits, at the trade selected.

Winter Term—75 actual hours, 84 credits, at the trade selected.

Spring Term—75 actual hours, 84 credits, at the trade selected.

SENIOR CLASS.

Fall Term—75 actual hours, 70 credits, at the trade selected.

Winter Term—75 actual hours, 70 credits, at the trade selected.

Spring Term—75 actual hours, 70 credits, at the trade selected.

NOTICE TO TRADE SCHOOL STUDENTS

Trade School students will take notice that the following number of hours of practical work must be satisfactorily performed during each of four years before graduation from the Trade School Course:

Fall Term—168 hours, at selected trade.

Winter Term—168 hours, at selected trade.

Spring Term—168 hours, at selected trade.



Senior Class 1914.

OUTLINE OF COURSE OF STUDY

Eighteen hours must be passed per term and not more than two conditions incurred in order to be promoted to the next higher class. Recitation and lecture periods 45 minutes; the laboratory, two hours; shop, and other periods, three hours.

FIRST YEAR TRADE SCHOOL CLASS.

Subjects	Periods Per Week		
	Fall Term	Winter Term	Spring Term
English	5	5	5
Arithmetic	5	5	5
North Carolina History.....	2	2	2
Geography	2	2	2
Reading	2	2	2
Penmanship	2	2	2
Music	1	1	1
Trade	5	5	5

SECOND YEAR TRADE SCHOOL CLASS.

Subjects	Periods Per Week		
	Fall Term	Winter Term	Spring Term
English	5	5	5
Arithmetic	5	5	5
United States History	2	2	2
Geography	3	3	3
Reading	2	2	2
Drawing	2	2	2
Music	1	1	1
Trade	5	5	5

THIRD YEAR TRADE SCHOOL CLASS.

Subjects	Periods Per Week		
	Fall Term	Winter Term	Spring Term
English	5	5	5

Arithmetic	5	5	5
United States History	2	2	2
Physical Geography	2	2	2
Drawing	2	2	2
Physiology	3	3	3
Music	1	1	1
Trade	5	5	5

FOURTH YEAR TRADE SCHOOL CLASS.

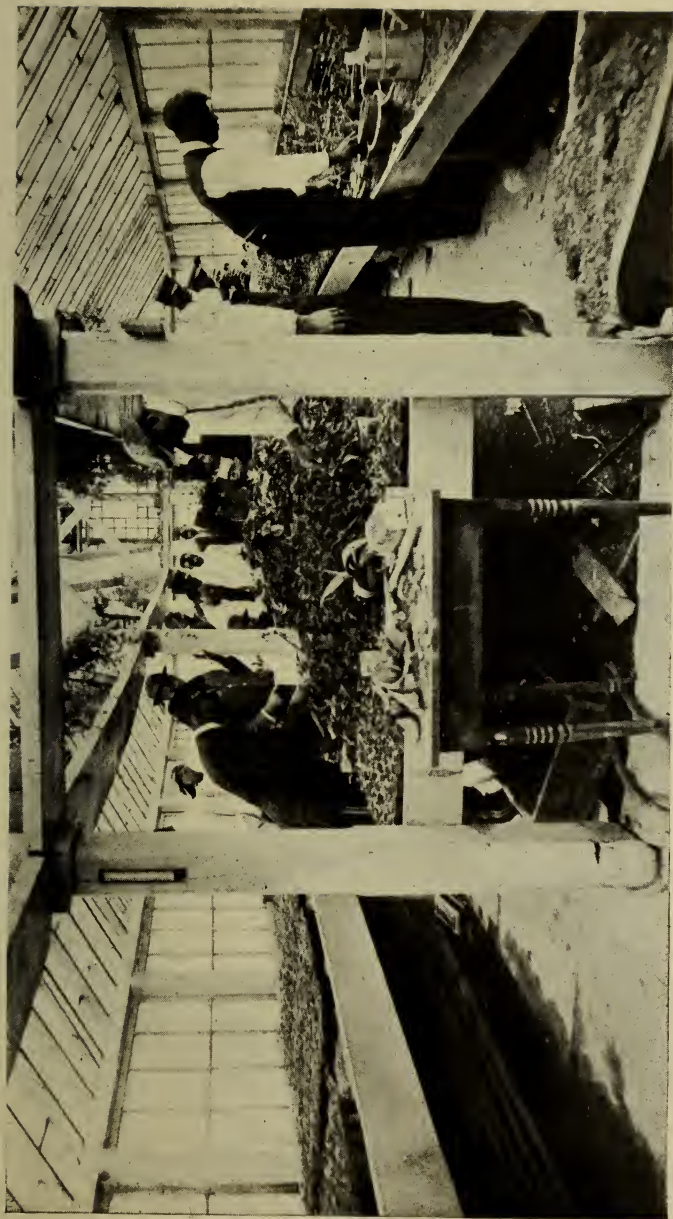
Subjects	Periods Per Week		
	Fall Term	Winter Term	Spring Term
English	5	5	5
Algebra	5	5	5
General History	2	2	2
Bookkeeping	3	3	3
Civics	2	2	2
Drawing	2	2	2
Music	1	1	1
Trade	5	5	5

FRESHMAN CLASS.

Subjects	Periods Per Week		
	Fall Term	Winter Term	Spring Term
English	5	5	5
Algebra	5	5	5
Biology (Plant)	3		
Biology (Animal)		3	
General History	3	3	3
Music	1	1	1
Elementary Chemistry			3
Shop, Greenhouse or Dairy'g	3	3	3
Mechanical Drawing	2	2	2
Current Events	2	2	2

SOPHOMORE CLASS.

Subjects	Periods Per Week		
	Fall Term	Winter Term	Spring Term
Plane Geometry	5	5	5



Class in Horticulture.

English	5	5	5
Physics	5	5	5
Chemistry	3	3	3
Market Gardening			2
Materials of Construction...	2	2	2
Study of Breeds.....	2	2	2
Mechanical Drawing	2	2	2
Shop, Greenhouse or Dairy'g	3	3	3
Music	1	1	1

JUNIOR CLASS.

Subjects	Periods Per Week		
	Fall Term	Winter Term	Spring Term
Geometry (Solid) ..	5		
Trigonometry ..		5	5
English	5	5	5
Bacteriology (A) ..	2	2	
Steam Engines (M)	3	3	
Gas Engines (M)			3
Geology (A)			2
Animal Breeding (A)	3		
Stock Judging (A)		3	
Veterinary Science (A)			3
Horticulture (A)	3	3	3
Mechanism (M)			
Mechanics (M)	5	5	
Heating and Ventilation (M)		3	
Electrical Engineering (M) ..	3	3	3
Chemistry—Qual. Analy. (A)	3	3	3
Chemistry—Qual. Analy. (M)	3	3	3
Dairying (A)	2	2	2
Shop (M)	3	3	3
Farm Crops	3	3	3
Drawing (M)	2	2	2
Music	1	1	1

SENIOR CLASS.

Subjects	Periods Per Week		
	Fall Term	Winter Term	Spring Term
Surveying	2		
English	5	5	5
Economics		5	
Agricultural Group:			
Agricultural Physics	3	3	
Thesis			5
Agronomy	2	2	
Entomology	3	3	
Landscape Gardening			2
Agricultural Chemistry	2	2	2
Mechanical Group:			
Strength of Materials	2		
Hydraulics	2		
Hydraulic Motors		2	
Drawing	2	2	2
Power Plant Design		2	
Estimates and Specifications	2	2	2
Shop	3	3	3
Thesis			5
Music	1	1	1

DEPARTMENT OF AGRICULTURE AND CHEMISTRY

JAS. B. DUDLEY, President.

J. H. BLUFORD, Head of Department and Instructor in Agriculture and Chemistry.

A. L. MEBANE, Superintendent of Farm and Instructor in Practical Agronomy.

R. H. HAMPTON, Florist, and Instructor in Horticulture and Botany.

B. W. BARNES, Superintendent of Dairy, and Instructor in Dairy and Animal Husbandry.

F. D. WHARTON, Instructor in Market Gardening.

N. A. BAILEY, Extension Work; Farm Demonstration Agent.

CASWELL RIEVES, Assistant, Dairy Husbandry.

AGRICULTURAL COURSES

1. A four-year college course in Agriculture.
2. A two-year college course in Agriculture.
3. A one week's course in Agriculture.
4. A four-year Preparatory course in Agriculture.

There are four courses in Agriculture—a four-year graded course leading to the degree of Bachelor of Agricultural Science, a two-year course leading to a certificate, and a one-week's course for farmers and others who can only spend a limited amount of time away from their business. The four-year course is designed to give the student a well-rounded education combined with technical and practical instruction. The course is divided so as to give about one-third of the student's time to technical instruction, one-third to scientific and the other third to actual practice. As all agricultural instruction is dependent upon a thorough knowledge of the fundamental sciences the course is essentially scientific rather than literary.

The two-year course is designed especially for the need of those students who have little time to spend in school and wish to get only such instruction as bears directly on their chosen vocation.

Special attention is given to dairying, horticulture, soils, fertilizers, market gardening and stock-raising. The college has frequent calls for young men to do practical work in these subjects.

The one week's course is devoted to a course of lectures and practical demonstrations on dairying, soils, fertilizers and stock-raising. These courses for the most part will be given by experts from the State Department of Agriculture.

The four-year preparatory course is designed to prepare students for the regular Agricultural Course leading to the degree of B. S. A.

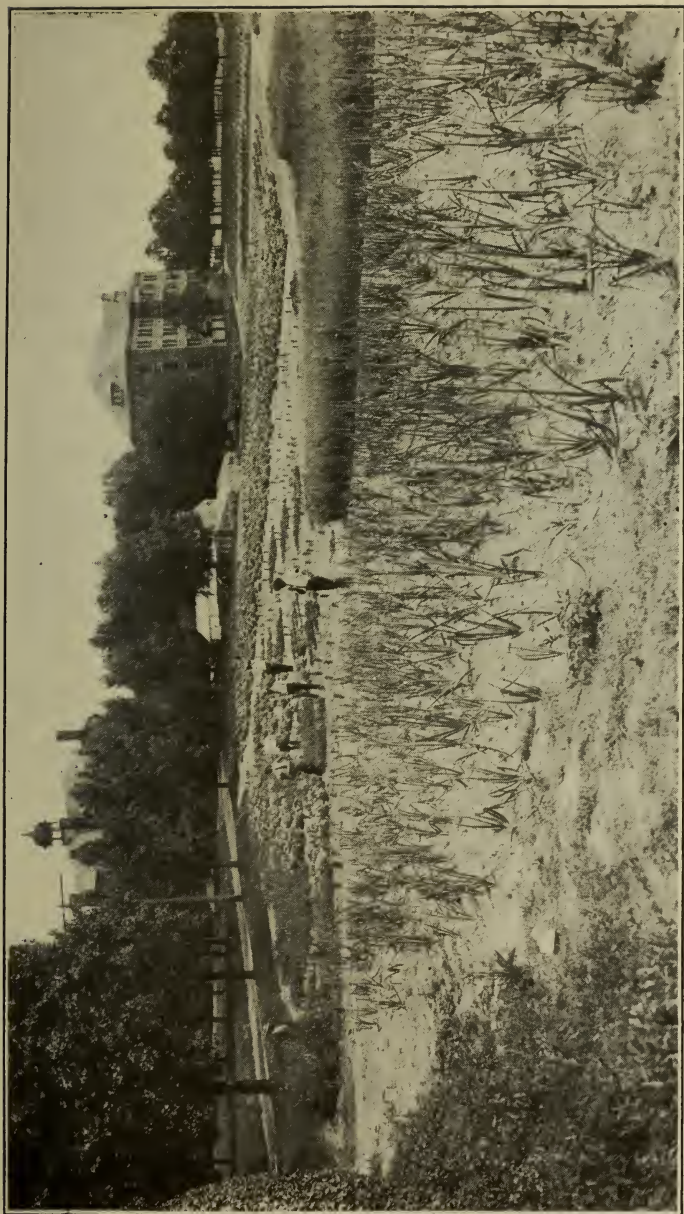
METHODS OF INSTRUCTION.

Instruction is given by laboratory work, text-books, lectures and reference reading. The scientific equipment is excellent—probably the best of any Negro school in the country. All class room work is supplemented by practical work, either in the field, the garden, the greenhouse, the barn, the dairy, or the chemical or physical laboratory.

EQUIPMENT.

The college has twenty-five acres of land in the immediate campus which is used for horticulture and market garden purposes. In addition to this it has a farm of 103 acres of land, most of which is under cultivation. There is a modern two-story barn which is used for dairy cattle, a piggery, and a small poultry plant.

Recognizing the importance of good farm machinery and labor-saving devices, the College has purchased and received as donations from a number of firms a considerable amount of farm machinery, such as different kinds of plows, harrows, cultivators, a seed drill with a fertilizer attachment, a corn har-



View of Class Plots.

vester, and various tools and machines for market gardening.

The dairy is well equipped with modern apparatus for butter making. It has two United States, one De Laval and one Sharpless Separator, Acme Bail Churns, one Davis Swing Churn, seven Lever Butter Workers, one Eclipse Refrigerator, a Boyd Cream Ripening Vat, a Babcock Milk Testing Machine, Aerator, etc., thus enabling us to offer the very best course in butter making. We have recently added apparatus and utensils for cheese making for home consumption.

A ninety ton silo has also been erected for which silage is raised every year. A St. Alban's Shredder is used for cutting up the ensilage and a corn harvester is used for cutting the corn in the field.

A modern barn has recently been built at the College farm and plans are prepared for a new dormitory at the farm for the Superintendent and members of the Senior class.

The dairy farm is stocked with a good herd of milch cows.

Different crops such as wheat, oats, cow peas, sugar beets, sorghum, millet, mangel wurzel, potatoes, alfalfa, tobacco, cotton, rape, vetch, clover, and various other forage crops, are grown on the farm, and the student obtains practical experience in the cultivation of such crops with the latest and best farm machinery.

Experiments are also being conducted on the dairy farm, illustrating the effect of different methods of cultivation and fertilization of several crops. Variety tests are also made. This experiment work is carried on by the students in the advanced classes.

The greenhouse is maintained to aid the student in the study of Botany and care of flowers. Instruction is also given in the management of a greenhouse on a commercial scale.

Market gardening is practised on a small scale for the purpose of giving the student practice in the management of early truck lands.

DESCRIPTION OF COLLEGE COURSES

A—INDUSTRIAL—PRACTICAL HORTICULTURE

I.—GREENHOUSE MANAGEMENT. CARE OF CAMPUS. 75 actual hours.

Practical work is given in the care and management of greenhouses. Students are required to grow and care for various flowers, such as carnations, roses, hyacinths, freesias, narcissus, etc., as well as various foliage plants, like ferns and palms. For Freshman and Sophomores. Fall term. Mr. Hampton.

II.—PROPAGATION OF PLANTS. 75 actual hours. Required Course I.

Practice is given in making cuttings, in pottings, rooting, grafting, budding, etc. The student is also taught how to prepare various fungicides and insecticides, how and when to apply them. For Freshmen and Sophomores. Winter term. Mr. Hampton.

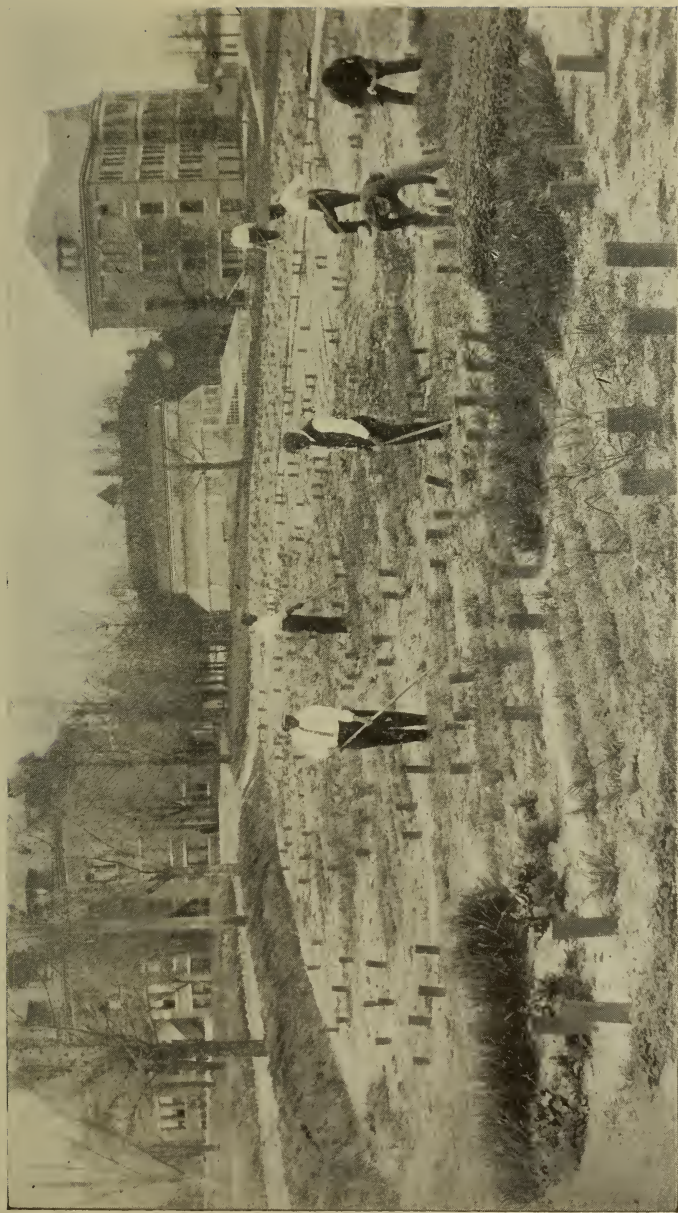
III.—MARKET GARDENING. 75 actual hours. Required Course II. Industrial. For Freshmen and Sophomores.

Practice is given in transplanting plants from the greenhouse or cold frames to the field. Attention is also given to raising early vegetables on a commercial scale. Spring term. Mr. Wharton.

B—AGRICULTURE—BIOLOGY AND GEOLOGY

I.—ELEMENTARY AGRICULTURE.

This course is a general survey of the whole field of Agriculture dealing in a general way with the fundamentals of Agriculture, such as the Soil, Plant Life, Manures and Fertilizers, Farm Crops, Plant Diseases, Insects and Birds, Live Stock and



Students at Work on Plots.

Dairying and Feeds and Feeding. This course will be given by lectures, recitation and practical work on the plots. Three hours Fall and Winter Terms. Mr. Bluford.

II.—ELEMENTARY BOTANY.

Lectures, recitations and laboratory work. Special attention is given to plant morphology, the principles of nutrition, reproduction, growth, sex and adaptation to environment. The importance of the fungi and seed plants is emphasized. The principles of plant breeding, crossing, pollination, budding and grafting are taught. Required of Freshmen. Fall term. Two hours. Text—Bailey and Coleman. Mr. Hampton.

III.—ELEMENTARY BIOLOGY.

The various types and principles of animal life; structure and classification of the vertebrates and invertebrates; the common parasites infecting man and the domestic animals. Freshmen. Winter term. Two hours. Text—Bailey and Coleman Elementary Biology. Mr. Hampton.

IV.—ELEMENTARY GEOLOGY.

Structural geology; important minerals and elements of the earth's crust; the igneous or eruptive rocks; sedimentary and metamorphic rocks; dynamic geology—wind and river erosion; underground water and lake deposits; glaciers, mountains, volcanoes; earthquakes and geysers; stratigraphic geology. The uses of fossils; life during the archæan and paleozoic times. The glacial period. For Juniors. Spring term. Three hours. Mr. Bluford.

AGRONOMY

V.—FARM MANAGEMENT.

Lectures and recitations upon the selection, location, plan-

ning and the equipment of farms; farm building and machinery. Systems of cropping and farm accounts. For Seniors. Winter term. Two hours. Text—Card's Farm Management. Mr. Mebane.

VI.—AGRICULTURAL PHYSICS. Required Courses III. Physics and V. Chemistry and I. Mechanics.

The power of soils to retain moisture, effect of deep and shallow cultivation, methods of constructing farm buildings, ventilation, road making, draft of wagons and plows, etc., are fully discussed. Text: Agricultural Physics.—*King*. For Seniors. Fall and Winter terms. Three hours. Mr. Bluford.

VII.—AGRICULTURAL PHYSICS LABORATORY WORK. Courses I, II. and III. required. (Gen. Physics.)

This course will accompany Course IV. with detailed experiments to show the rate of percolation of water through soils; capillary attraction; effect of different kinds of mulches; determination of specific gravity and specific heat; and the mechanical analysis of soils. The department has been recently equipped with the latest apparatus for soil work. Spring term. Seniors. Two hours. Mr. Bluford.

VIII.—FARM CROPS.

Lectures upon the history, production, harvesting and marketing of farm crops. Practical exercises in harvesting and storing various staple crops. Preparation of soil and the seeding of fall and winter crops; practical exercises in draining land, fall plowing and the preparation of soil for spring seeding. Practical rotation of crops on one acre plats. For Freshmen and Seniors. Fall term; 75 actual hours. Mr. Mebane.

IX.—SPECIAL CROPS.

The seeding and harvesting of special crops, such as corn, tobacco, cotton, the clovers and the grasses. Practical exer-



Farmers' Conference.

cises in the rotation of these crops on one acre plats. For Seniors. Spring term, 75 actual hours. Juniors. Summer term, 320 actual hours. Mr. Mebane.

PHYSIOLOGY AND VETERINARY SCIENCE

I. The structure and function of the bones, muscles and joints are carefully studied. The various organs and their functions receive special attention; health laws, ventilation, influence of heredity, preparation and use of domestic remedies; disinfectants and their uses; sanitation and prevention of tuberculosis. For Freshmen. Three hours throughout the year. Text—Law's Physiology of Domestic Animals.

II.—VETERINARY SCIENCE. Three hours. Required Course I. Physiology.

The common diseases of farm animals are briefly discussed, together with remedies for same. Some practical work in caring for sick animals is also provided the student. Text—Veterinary Elements.—*Hopkins*. For Juniors. Spring term. Mr. Barnes.

ANIMAL HUSBANDRY AND DAIRYING

I.—ANIMAL BREEDING.

The student is taught the underlying principles of successful breeding; such subjects as atavism, variation, selection, heredity, line-breeding, cross-breeding and in and in-breeding are discussed. Collateral reading required. Text—Shaw's Animal Breeding. For Juniors. Fall term. Three hours. Mr. Atkins.

II.—BREED OF LIVE STOCK.

The origin, history and characteristics of the various breeds of cattle, sheep and swine are taken up. Especial attention is

given to the various types of dairy cattle and hogs. Whenever possible actual specimens are used to show the characteristics of the various breeds of animals. Excursions are frequently made to near by farms for the purpose of score card work. For Juniors. Winter term. Three hours. Mr. Barnes.

III.—MILK AND CREAM TESTING.

The student is taught how to test milk and cream; he is made familiar with the Babcock test for fat; he is also expected to test milk for adulterants, determine its specific gravity, total solids, the amount of water it contains, and is required to make at least two tests of each cow in the herd. He also becomes expert in testing cream for acidity according to, at least, two methods.

Lectures and recitation work will be given on the composition, secretion and production of milk. Fall term for Juniors. Three hours. A. L. Mebane.

IV.—BUTTER MAKING. Three hours. Required Course III.

Thorough drill is given in butter-making according to the most improved methods. Considerable drill is also given in making neat and attractive packages, in storing and scoring butter, ripening cream, etc. For Juniors. Winter term. Mr. Barnes.

V.—MANAGEMENT OF DAIRY. 75 actual hours. Required Courses III. and IV.

The student is expected to go into the dairy and take charge of the work under the supervision of the instructor. He receives instruction in the care and management of separators and obtains more practice in butter-making. Fall term. For Juniors. Mr. Barnes.

VI.—DAIRY INDUSTRY.

The cleaning of the dairy barn, the cleaning of cows and



Pure Bred Jersey.

milking; the cleaning of the dairy and dairy utensils. For Freshmen and Sophomores. Fall term, 75 hours; Winter term, 75 hours; Spring term, 75 hours.

C—HORTICULTURE AND BOTANY

I.—BOTANY. Five credits. Desired Course I. Horticulture.

Such subjects as how the plant takes up food from the soil and the atmosphere; the effect of sunlight, air and moisture on plants are noted, diseases of plants and remedies for same are discussed in an elementary way. Given in connection with Course I. Agriiculture. Text: Elementary Botany.—*Bailey*. For Seniors. Spring term. Mr. Hampton.

II.—PROPAGATION OF PLANTS. Three hours.

Method of propagating plants by cutting, stolons, suckers, layering seed, etc., are discussed. The principles underlying budding, grafting and pruning are also discussed. Text: Principles of Plant Culture.—*Goff*. Freshmen. Fall term. Mr. Hampton.

III.—SMALL FRUIT CULTURE. Two credits. Required Course II. Horticulture.

Methods of propagating and cultivating various kinds of small fruit are discussed, together with the preparation of soil for same. Winter term. Juniors. Mr. Hampton.

IV.—MARKET GARDENING. 160 actual hours; 80 credits. Required Course II. Horticulture.

A study of the different crops adapted to market gardening and adapted to North Carolina is made. Construction and management of hot beds, cold frames, special fertilizers for vegetable crops, packing, shipping and marketing are also considered. Text: Vegetable Gardening.—*Bailey*. For Sophomores. Spring term. Mr. Wharton.

V.—POMOLOGY. Two credits. Required Course III. Horticulture.

Planting of fruit trees, tilling and fertilizing fruit lands. Planting and caring for orchard, picking, packing, storing and shipping fruit are discussed. Text: Fruit Growing.—*Bailey*. For Seniors. Winter term. Mr. Hampton.

VI.—LANDSCAPE GARDENING. 75 actual hours. Required Course V. Horticulture.

Principles of embellishing landscapes, planting and management of lawns, management of orchards, pruning, etc. Text: Landscape Gardening.—*Maynard*. Spring term. Seniors. Mr. Hampton.

ENTOMOLOGY AND BACTERIOLOGY

I.—ENTOMOLOGY. Three hours. Required Course VI. Horticulture. Text: Constock's Insect Life.

The subject is taught by means of lectures and the student is required to read upon topics assigned him by the instructor. The most common insects and insecticides are studied. For Seniors. Fall term. Mr. Hampton.

II.—BACTERIOLOGY. Three hours. Required Courses II. Horticulture and I. Chemistry.

Lectures are given on the nature of bacteria, their relation to other plants, supplemented by laboratory work. For Juniors. Fall and Winter terms. Mr. Barnes.

III.—PLANT DISEASES. Three hours. Required Course I. Horticulture.

Lectures and laboratory work. Common diseases, such as the cereal pests and insects; diseases of cotton, tobacco and fruit trees are studied with the aid of the compound microscope. For Seniors. Winter term. Mr. Hampton.



Milking Time.

D—POULTRY HUSBANDRY

The poultry work at the college has been recently added and is therefore on quite a limited scale, but it is expected that this important industry will take first rank at the college in the next few years. We have already two breeding pens with a number of outdoor home-made brooders and we are now planning to build an incubator cellar and to install several makes of incubators. We have recently purchased the following varieties of poultry: Rhode Island Reds, Partridge Wyandottes, and White Leghorns.

I.—POULTRY HUSBANDRY.

Construction and location of poultry houses; classification and study of the breeds of domestic poultry; breeding, feeding and management; diseases and remedies; production and marketing of eggs; incubation and breeding; capons and caponizing. For Freshmen, Preparatory and two-year students. Three hours, entire year. Mr. Wharton.

E—COURSES IN CHEMISTRY AND PHYSICS

EQUIPMENT.

The chemical laboratory is well equipped with suitable apparatus and necessary chemicals for the study of general as well as agricultural chemistry.

Among the most expensive apparatus may be mentioned Hoffman's apparatus for decomposition and recombination of water, fat extraction apparatus, chemical balances, soil analysis apparatus, hot plates, copper, air and water baths, apparatus for analysis of baking powders, water analysis, etc.

In short, the equipment of the department is first-class in every respect, and in some lines it is perhaps second to that of no other institution in the State.

While the equipment for the work in Physics is not so com-

plete as that in Chemistry, the Department has made and purchased sufficient apparatus to illustrate on the lecture table the more important laws of Physical Science. The equipment consists of a Lever Air Pump with oxydized brass barrel and accessories, an Atwood's machine, Port Lummere and Stereopticon for projection work, a set of Vacuum and Spectrum Geissler tubes containing residuum gases, Ruhmkorff Induction coil, a Hoffman's Graduated Eudiometer, an assortment of batteries and Leyden jars for induction and distribution of electricity, compound microscopes, pulleys, balances, pumps, sonometer and a general assortment of lecture table apparatus. The lecture room can be made dark at any time for illustration with the stereopticon or Port Lummere. The lecture table is fitted with water, gas and electricity.

The department has recently purchased some of the latest apparatus for Soil Physics which includes a ball-bearing balance, 50 cc. flasks with ground glass stoppers drawn out to an open capillary tube for specific gravity work; brass tubes $12\frac{1}{2} \times 17\frac{1}{8}$ inches inside measurement for the determination of volume weight, apparent specific gravity and porosity of soils, apparatus to determine the power of loose and compact soils to retain moisture a set of brass tubes $16 \times 17\frac{1}{8}$ inches inside measurement to show the rate of percolation of water through soils; a set of galvanized iron cylinders set in water jackets to show the effect of mulches or evaporation of water from soil; and a set of five glass tubes, $30 \times 17\frac{1}{8}$ inches inside measurement, for determining the capillary attraction of soils.

A detailed description of the courses offered by this department follows:

I.—GENERAL CHEMISTRY. Three credits. Required Course II. Physics.

Lectures are given on general chemistry, and experiments are performed before the students in the lecture rooms, which bear directly on and pave the way for Agricultural Chemistry. For Freshmen. Spring term. J. H. Bluford.

II.—GENERAL CHEMISTRY. Three credits. Required Course I. Chemistry.

Lectures and laboratory work. The student goes into the laboratory and carries on experiments for himself, illustrating the principles he has learned in the lecture room. Text: Mimeographed Notes. For Sophomores. Fall and Winter terms. J. H. Bluford.

III.—QUALITATIVE ANALYSIS. Three credits. Required Course II. Chemistry.

Laboratory work. During this term the student becomes familiar with testing and especially the elements which enter into the composition of plant and animal life. For Sophomores. Spring term. J. H. Bluford.

IV.—QUALITATIVE ANALYSIS. Two credits. Required Course III. Chemistry.

Laboratory work. Qualitative analysis completed, acids. Text: Notes. Juniors. Fall term. J. H. Bluford.

V.—AGRICULTURAL CHEMISTRY. Two credits. Required Course IV. Chemistry.

Lectures on the chemical composition of soils, plants and animals. The function of the various elements necessary for plant growth, and the various compounds for animal nutrition are discussed. For Juniors. Winter and Spring term. J. H. Bluford.

VI.—QUANTITATIVE ANALYSIS. Five credits. Required Course IV. Chemistry.

Instruction is given in the analysis of soils, fertilizers and feeding stuffs, the object to acquaint the student with the chemical composition of soils, fertilizers and feeding stuffs, so that he may intelligently make use of reports and bulletins of experiment stations dealing with the chemical composition of

various agricultural products. For Seniors. Fall term. J. H. Bluford.

VII.—ANIMAL TOXICOLOGY. Two credits. Required Courses I., II., III. and IV. Chemistry.

Lectures are given on the poisonous plants and insects injurious to stock; the symptoms of poisoning; the pigments, insecticides, matches and vermin poison; the sources, elimination, and antidotes of stock poison, etc. For Seniors. Winter term. J. H. Bluford.

VII.—FEEDING. Five hours. Required Courses III. Agriculture and V. and VI. Chemistry.

The laws of nutrition and the composition of animal bodies are briefly discussed. The composition and digestibility, market and food values of the various food stuffs are discussed. Nutritive ratios and the practical application of same in compounding rations for the various farm animals are carefully considered. Collateral reading required. Text: Feeding of Animals.—*Jordan*. For Seniors. Spring term. Mr. Atkins.

I.—PHYSICS.

The work of the first term consists of five lectures and recitations per week, the subjects covered being Mechanics, Hydraulics, Hydrostatics and Pneumatics. The lectures are fully illustrated, and the practical applications of principles clearly pointed out. Full notes are required, and also some reference work. For Sophomores. J. H. Bluford.

II.—HEAT, MAGNETISM AND ELECTRICITY. Three hours. Course I. Physics desired. Course IV. Mathematics.

These subjects are discussed in an elementary way, and the fundamental principles are illustrated.

Practical work is done in wiring and hanging electric bells. Special attention is given to the various kinds of galvanic cells,



Milk Wagon.

their uses and relative values. The course is made as practical as possible, so that a student on leaving the college can take up the work of electrician.

III.—SOUND AND LIGHT. Three hours. Course II. desired, V. Mathematics.

This is a continuation of Courses I and II. and the same methods are adopted. Sound is treated briefly, but light is given a greater proportion of time so as to familiarize the student with the construction and mechanism of the most important optical instruments and the part played by it in animal and vegetable growth.

IV.—PHYSICAL LABORATORY WORK. Three hours. Courses I., II. and III. required.

This work is designed to fix the principles learned in the previous lectures firmly in mind by performing the experiments used on the lecture table.

Subjects: Mechanics of Masses, Liquids, Gases, Heat, and Electrical Measurements.

TRADE SCHOOL COURSE IN AGRICULTURE

FIRST YEAR TRADE CLASS.

DAIRY INDUSTRY. Credit three hours, divide as follows:

90 minutes—Cleaning the dairy and barn; washing utensils; separation and bottling of milk; sterilizing milk vessels.

45 minutes—Lecture on methods of cleaning; dairy sanitation; why it is necessary to have all milk vessels clean; methods of milking; nature of bacteria; pure water supply; how disease can be carried by the water and milk supply; hygiene of persons handling milk.

45 minutes—Farm Arithmetic with special reference to dairy problems; measurement of barns, silos and dairy utensils; calculating dairy ration; elementary feeding.

SECOND YEAR TRADE CLASS.

GREENHOUSE. Credit three hours, divided as follows:

90 minutes—Cleaning green house; watering plants; potting plants; making greenhouse soils; transplanting to field; plot work; budding; grafting; care of campus; making flower beds; planting bulbs.

45 minutes—Elementary horticulture text book; Plant Propagation by Goff.

45 minutes—Arithmetic—with reference to making of insecticides, fungicides and land measurement.

THIRD YEAR TRADE CLASS.

POULTRY INDUSTRY. Daily throughout year—credit three hours, divided as follows:

90 minutes—Care of poultry plants; whitewashing; disinfecting; mixing poultry feeds; feeding.

45 minutes—Poultry raising on the farm—Text book Watson.

45 minutes—Farm Arithmetic—Burkett.

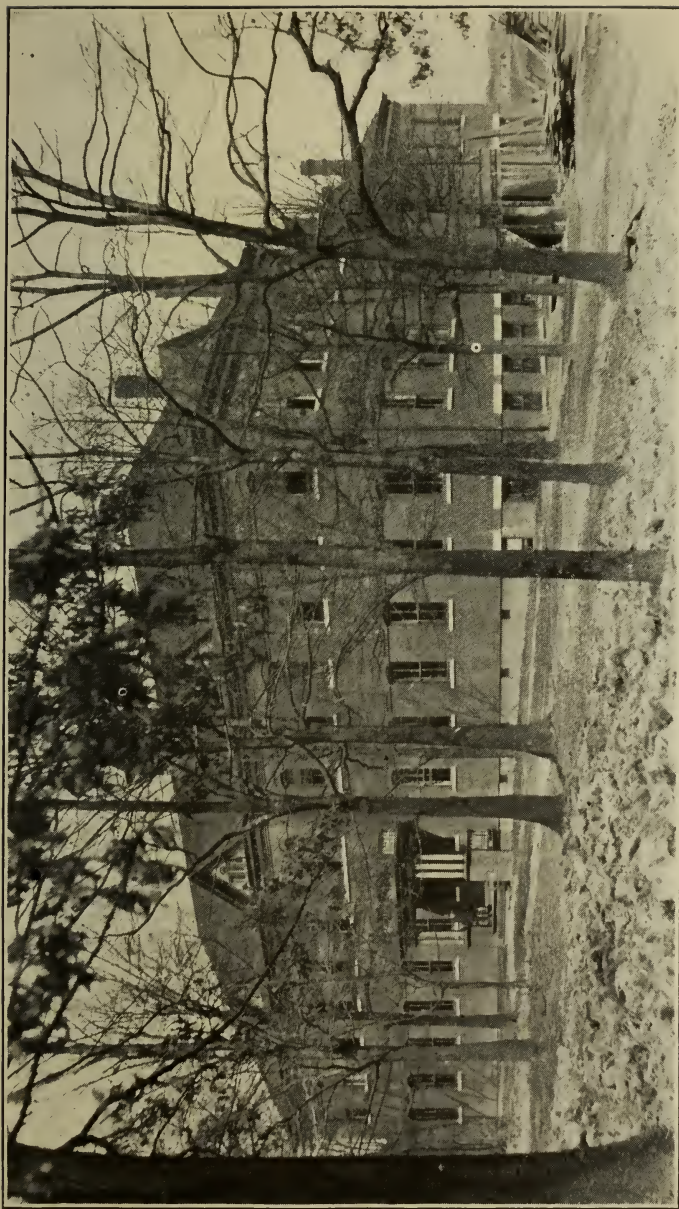
FOURTH YEAR TRADE CLASS.

SOILS. Daily throughout year.

90 minutes—Study of various soil types, percolation of water through soils; specific gravity of soils; flow of air through soils; temperature of soils under varying conditions; capillarity of soils; water holding capacity of soils. Text Laboratory Manual—Stevens and Schaub.

45 minutes—Elementary Animal Husbandry—Text—Plumb's Animal Husbandry.

45 minutes—Farm Arithmetic—Completed text—Burkett and Swartzel.



Mechanical Building.

DEPARTMENT OF MECHANICS

JAS. B. DUDLEY, President.

F. C. JOHNSON, Director and Instructor in Mathematics.

W. N. NELSON, Instructor in Carpentry and Drawing.

C. L. FOSTER, Instructor in Blacksmithing.

A. D. WATKINS, Instructor in Masonry.

M. S. SANDERS, Instructor in Broom Making.

L. P. BYARM, Instructor in Machine Shop Practice and Drawing.

E. W. FISHER, Machine Wood Turning.

R. L. CAMPBELL, Instructor in Machine Shop Practice.

From the beginning of the first year the students' time is spent in the lecture room, draughting rooms and shops. Students will be given the opportunity of visiting the various manufacturing establishments of the vicinity where the practical applications of principles studied in the class rooms and laboratories.

The first four years' work in this department is a trade school course. The first year students rotate from shop to shop by terms during this year. After that time those wishing to graduate from a trade will be required to select some industry and continue in it for three years. A certificate will then be given for proficiency if the course has been satisfactorily completed. After that time, those wishing to graduate from the institution must take an additional year's instruction in some of the other shops and will perfect themselves in mathematics, science and drawing.

EQUIPMENT.

Buildings—The main building is a two-story brick structure with basement. On the first floor are located the carpenter, tin and machine shops. The exhibit room is also on this floor. In the basement are the machine woodworking and bricklaying

shops, also the power and heating plant. The second floor contains the recitation, reading and drawing rooms.

The blacksmith shop is located in a one-story brick building at the rear of the main building. This is an up-to-date shop with the most modern equipment. An electric motor furnishes the necessary power.

The broom shop is a one-story frame building. This building houses the finest broom factory in the city of Greensboro.

The reading room is provided with books of reference, and technical journals. Equipment in drawing consists of tables, drawing board and T squares. Students will provide themselves with instruments.

A dynamo has been installed and is used for experimental purposes and for lighting the shops. A central heating plant has recently been installed in the Mechanical Building. This furnishes opportunity to study the operations of an improved steam heating system. Instruction in the following lines of work has been provided:

Architecture, blacksmithing and general repairing, tinsmithing, machine shop practice, hand wood-turning, machine wood-working, bricklaying and plastering.

All instruction in shop work is given with the aid of blue prints or of sketches made by the student himself.

SUBJECTS OF INSTRUCTION.

I.—MECHANICAL DRAWING. Mr. Byarm.

Fall Term—During this term instruction is given in projection drawing.

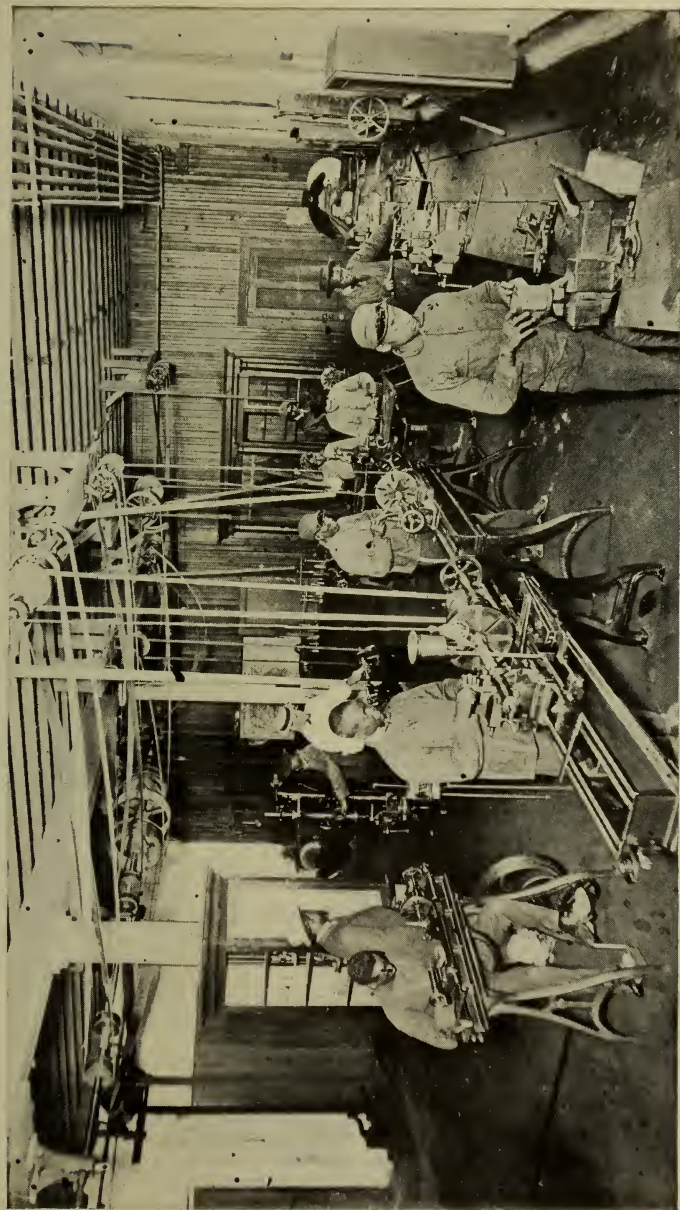
Winter Term—In this term the student is instructed in shading, and tracing drawings.

Spring Term—During this term the student is taught to make drawings of sections.

Four hours per week during Sophomore year.

II.—ADVANCED MECHANICAL DRAWING. Mr. Johnson.

In this course the student begins the study of machine and



Machine Shop.

architectural details and makes his drawing from measurements taken by himself.

III.—MACHINE DRAWING. Mr. Byarm.

The student prepares for machine design by familiarizing himself with the proportions and the arrangement of various machines and their parts. The student begins with the work of dimensioning of elementary machine parts from sketches in magazines, text books and of machines in the shops. This leads gradually to the making of working drawings of machines. Two two-hours periods per week throughout the Junior year.

IV.—MACHINE DRAWING AND DESIGN. Mr. Byarm.

At first the student is taught the design of tools and machines by having him consult freely the trade catalogues, and the working drawings of manufacturing concerns. One two-hour period throughout the Senior year. In addition to the machine drawing the students are given a brief outline of the various principles of mechanics. The necessary theory for proportioning screws, bolts, keys, cutters, shafting, couplings, hangers, belts and rope drives, friction and tooth gearing and engine parts are given. Two two-hour periods per week throughout the Senior year.

V.—MATERIALS. Messrs. Foster, Watkins and Nelson.

The student studies the principal materials that are used in building construction and in machine construction. Their uses, strength and general characteristics are discussed. The course is given in two one-hour periods during Sophomore year.

VI.—STRENGTH OF MATERIALS. Mr. Johnson.

This course consists of a review of the principles of mechanics applicable to the strength of materials at rupture, the methods of manufacture and the methods of testing. The mechanical theory of the subject is mainly discussed. The solu-

tion of practical problems forms a large part of this work. Two one-hour periods during first term of Senior year. Text-book: Merriman's *Strength of Materials*.

VII.—HYDRAULICS. Mr. Byarm.

Hydrostatics and the flow of water over weirs, and through orifices, pipes, and open channels are considered. Two one-hour periods during first term of Senior year. Text-book: Merriman's *Hydraulics*.

VIII.—HYDRAULIC MOTORS. Mr. Byarm.

This course is designed to make the student familiar with the several types of water wheels which are in common use today. The mechanical theory of the turbine and Pelton wheel is developed in detail. Two hours per week during the second term, Senior year. Text-book: Merriman's *Hydraulics*.

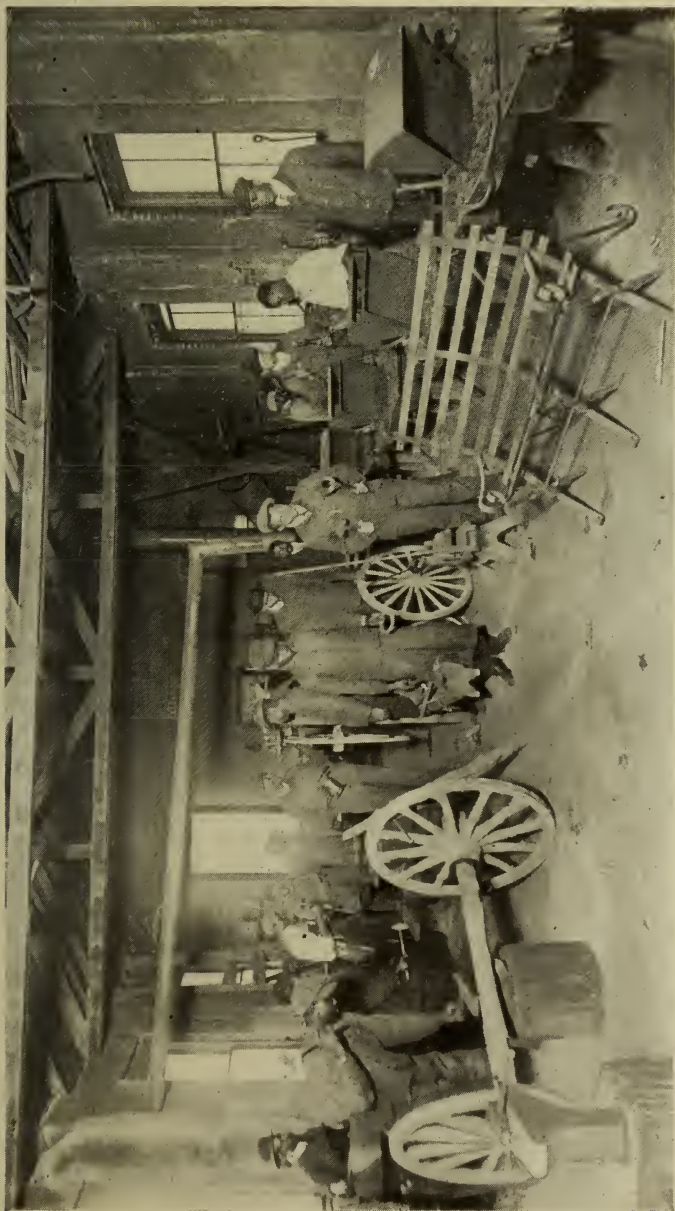
IX.—STEAM ENGINES. Mr. Campbell.

The following subjects are treated: Types—simple, compound and triple expansion, automatic, rotary and turbines; care and management; indicators, indicated and brake horse power. Steam pumps are also considered in connection with steam engines.

A descriptive study of the various types and makes of steam generators in common use and the adaptability of each type to special localities is made together with a consideration of combustion of fuels, boiler settings, boiler accessories, legal requirements. Three one-hour periods first and second terms of the Junior year.

X.—MECHANICS. Mr. Johnson.

This subject will be given throughout the Sophomore year. During the first and second terms the mechanics of solids will be taken up. During the spring term the mechanics of fluids and gases will be studied.



Blacksmith Shop.

Special attention will be given to the graphical solution of all problems where such solutions can be used to advantage.

XI.—POWER PLANT DESIGN. Mr. Byarm.

During the second term of the Senior year the student makes a complete study of power plants, including engines, boiler, pumps, and the most important features. One two-hour period.

XII.—ELEMENTS OF ELECTRICAL ENGINEERING. Mr. Campbell.

This subject is begun in the Junior year with lectures and includes the practical application of electricity for power and lights. During the second and third term of the Junior year the student does laboratory work, which is at first elementary in character, with a view of initiating the student into the methods of connecting circuits, the making of measurements and the use of common apparatus and instruments.

XIII.—HEATING AND VENTILATING. Mr. Byarm.

The course comprises lectures upon the various methods of heating and ventilating buildings. The systems of heating are developed from the fire place to the most modern systems of the day. In connection with the course the student may take practical work in steam-fitting and tin work adapted to furnaces and stoves. For Juniors, second term.

XIV.—GAS ENGINES. Mr. Campbell.

The aim of this course is to give such theoretical knowledge of the working of the two and four cycle gas engine that the student will be able to make ordinary repairs intelligently. There are two gasoline engines in the laboratories of the department that are used for practical demonstrations. The great popularity of the automobile makes it very desirable that every student graduating from a mechanical school should have a knowledge of the gas engine. Course XII. required. Two hours per week during the spring of Junior year.

XV.—MECHANISM. Mr. Johnson.

This course aims to give as clearly and concisely as possible the principles of mechanical motion so that they may be applied to any mechanism for determining the motion of its parts and to show the methods of dealing with problems of machine design. Two hours per week during Spring term Junior year.

ARCHITECTURE

XVI.—ELEMENTS OF ARCHITECTURE AND ARCHITECTURAL DRAWING. Mr. Nelson.

The evolution of the Art of Building is considered and the artistic achievement—planning, decoration of each of the periods is studied with reference to its structural methods, materials and conditions.

The student is given the classical orders to draw out in order to accustom his eye and mind to good architectural proportions. Great stress is laid on getting the student to the stage where he can draw well, be neat and exact in pencil, pen, and wash drawings. Junior year. Four hours per week.

XVII.—ARCHITECTURAL DRAWING. Mr. Nelson.

The problems of this year are given to teach the student to think and reason correctly. In the Senior year the problems become more extensive. The student is made acquainted with the principles underlying the design of different kinds of buildings and the various requirements for such design. The work covers the Senior year.

XVIII.—ESTIMATES AND SPECIFICATIONS. Mr. Nelson.

The student is taught to estimate the cost of the different buildings that he designs and various problems are given him in order to familiarize him with usual methods of making estimates.



Carpentry Shop.

The student is taught the requirements of a good specification; what should be included and what omitted; the relation of specification to working drawings. Two hour periods, first and second terms Senior year. Text—to be selected.

SHOP WORK

I.—CARPENTRY. Mr. Nelson.

The course in carpentry is designed to cover four years. Each student is given instruction in house carpentry, shop carpentry, cabinet making, wood carving, wood turning and practice on wood-working machinery.

The I. Year Trade class will do Elementary Sloyd work and Whittling. Only simple tools will be used. The models to be made will consist of pencil sharpener, small cart, kite, doll furniture, etc. Text: Elementary Sloyd and Whittling.—*Larson.*

The II. Year Trade class will do Advanced Sloyd work, which consists of making various articles useful about the home, such as match box and strike combined, whisk broom holder, shelf, bread-cutting board, tooth brush shelf, towel rack, book rack, key rack, picture frames, etc.

In the III. Year Trade class the student is given exercises in planing, squaring, gauging, sawing, laying off lines and dimensions. The different joints of carpentry are made. In the IV. Year Trade class the student makes practical applications of the first, second and third years by making articles of furniture and doing simple building.

The Freshman class will do exercises in house framing, laying floors, weather-boarding and general carpentry.

The Sophomore class will continue framing and general carpentry. Exercises in roof construction and putting up cornice will be given.

Junior class will do stair building and special work in roof construction in addition to practice on wood-working machinery, wood carving and turning.

During the fourth year the student takes advanced work in carpentry, pattern work, cabinet work, and shop management and building supervision.

II.—HAND WOOD TURNING COURSE. Mr. Fisher.

Short lectures pertaining to the handling of lathes, the names of the different parts, their use and how to take care of them. Demonstration lessons in wood turning and how the tools are used will be given.

FIRST YEAR.

Fall Term—Names of tools, the kind of work each tool is intended for, how to grind and keep in order. Simple cylindrical and tapered turning.

Winter Term—Practice in beading and baluster turning.

Spring Term—Miniature column turning.

SECOND YEAR.

During this year students are instructed in face plate and spindle turning, such as cups, rosettes, and different forms of hollow turning.

III.—MACHINE WOODWORKING. Mr. Fisher.

Instruction and short lectures pertaining to the handling of machines; names, parts and care of the same. Special instruction will be given on variety saw mitering, dadoing, ripping fence, cutting off work to desired length. Practical instruction on variety lathe turning chain spindles, mallets, knobs, and variety turnings also practice in band sawing, jointing and surfacing.

During the course students will be given practical instruction in belt lacing, splicing belts, also practical course in millwrighting in connection with the work.

There will be grinding and setting up machines for the various kinds of turnings as the student advances in this line of work.



Machine Wood Turning.

IV.—FORGING. Mr. Foster.

The regular course in blacksmithing will consist of all kinds of welds, repairing wagons, buggies, and farm machinery; special stress on horse and the study of the hoof; wheelwrighting, making spokes, hubs, rims, axles, etc., building wagons and buggies divided as follows:

First Year Trade Class—The care of fire, the use of hammer and care of the tolls, making staples, hooks, rings, chains, and lessons from blue prints Nos. 1 to 12 are taught.

Second Year Trade Class—Drawing out tools and tempering and making corner welds, butt welds, tie welds, different heats for proper iron and steel welds are taught. Lessons are taken from blue print Nos. 12 to 24.

Third Trade Year—Banding, strapping, twisting, upsetting, bolt making, thread cutting, and general tool making make up this year's work. Lessons are from blue prints Nos. 24 to 36.

Fourth Year Trade Class—Wagon building, cutting and welding tires, welding buggy axles, shoeing horses, forging tools and tempering steel complete the course.

V.—TINSMITHING.

The student who takes sheet metal work must do considerable work in draughting patterns. The first year is devoted largely to familiarizing the student with the various tools, machines and materials used in the trade, and in cutting and plain soldering. During the second year sheet iron work is introduced, also riveting, bending, guttering, making cans, cups, etc., from patterns.

During the third year the student is taught how to draft patterns and work from his own designs. He does work during the year in the following: Brazing cornice, stamping, joining cast iron, wrought iron, brass and lead pipes, furnace work, ornamental tin and exhibition work. The course covers three years.

VI.—BRICKLAYING. Mr. Watkins.

The course in Bricklaying is designed to cover the four years of Trade School work. Each student is given practical instruction in house planning and building, concreting, tile making, chimney construction, inside plastering and stucco work.

First Year Trade—Names and use of tools; making and spreading mortar; construction of plain four-inch walls; general helpers.

Second Year Trade—Instruction as to different bonds; small plumbing exercises; making rough concrete; general helpers.

Third Year Trade—Pier construction; pointing exercises; simple plastering exercises.

Fourth Year Trade—Laying to line; constructing plain corners; kalsomining.

Freshman Class—Laying to line; use of hair and commercial cements; exercises in bond work with reference to headers and stretchers.

Sophomore Class—Concreting; flue and fire-place construction; common arches; lathing; plastering.

Junior Class—Line work for speed; projectional exercises; scaffolding exercises; window and door frame cutting; fancy arch work.

Senior Class—Line work for speed and neatness; plastering—special stress on white-coating and sand finishing; press brick exercises; superintending work.

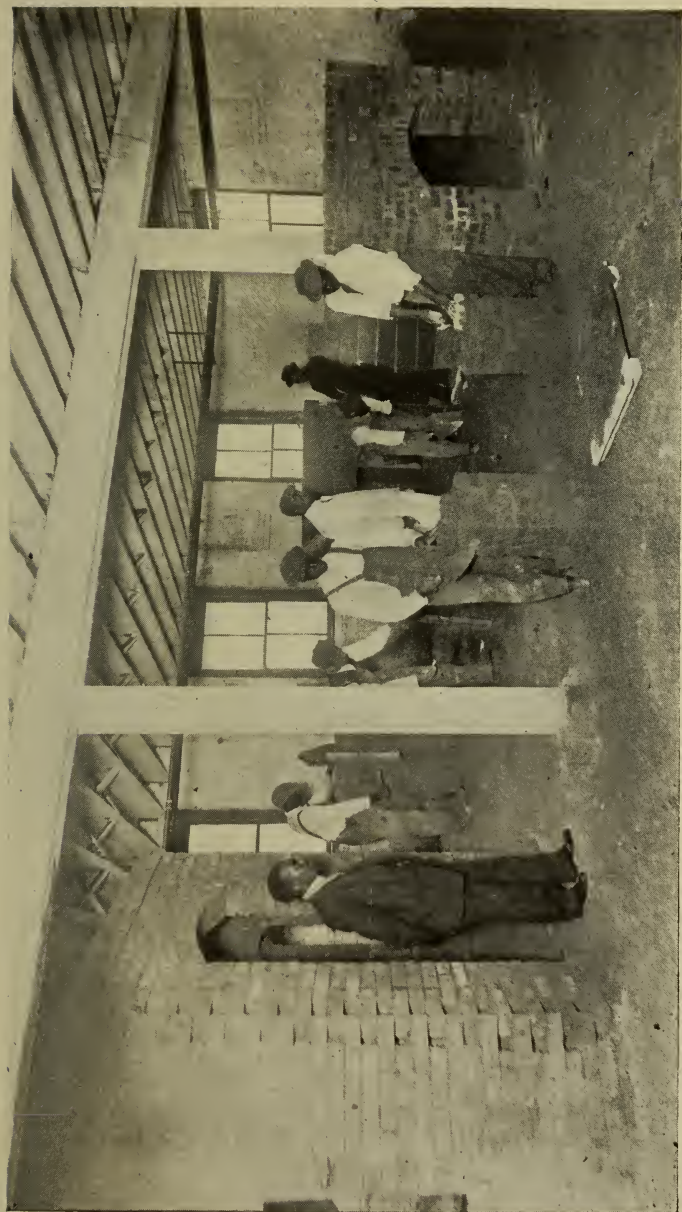
Practical work is sometimes interrupted by weather conditions. In these case talks are given on materials, estimates, contracting and other important subjects.

VII.—BROOM-MAKING. Mr. Sanders.

The course in broom-making is divided as follows:

FIRST YEAR TRADE CLASS.

Fall Term—Separating the insides from the hurls for brooms No. 0, separating No. 2 insides from No. 1 insides, grading the hurls and insides.



Bricklaying Shop.

Winter Term—Separating the insides from the hurls for brooms No. 5 and separating No. 2 hurls from No. 3 hurls and sizing the insides and hurls.

Spring Term—Separating the insides from the hurls for brooms No. 4, cutting the hurls and separating the cutting from the hurls for brooms No. 3, bursting and separating the stems from the hurls.

SECOND YEAR TRADE CLASS.

Fall Term—Separating the No. 1 long hurl from No. 1 short hurl. Separating No. 1 long insides from No. 1 short insides. Separating No. 2 long hurl from No. 2 short hurl. Separating No. 2 long insides from No. 2 short insides.

Winter Term—Grading insides for whisks and toys. Grading, sizing, cutting, bursting and dyeing.

Spring Term—Sewing and bunching brooms Nos. 4, 5 and 6.

THIRD YEAR TRADE CLASS.

Fall Term—Making of brooms.

Winter Term—Making of brooms and brushes.

Spring Term—Making of brooms, brushes and toys.

VIII.—MACHINE SHOP PRACTICE. Mr. Campbell.

The first year is spent in the blacksmith shop. There the student learns to forge and temper his tools and to work steel and wrought iron under the hammer. When the student comes into the machine shop he must bring with him two chisels and four lathe tools of his own forging.

Practically the entire second year is taken up with bench work—chipping and filing to size different exercises as called for in the blue prints furnished. The chief aim is to attain accuracy in modeling and finishing work with hand tools. During the spring term straight turning in cast iron is begun.

In the third year instruction is given in turning and boring

the different metals used in machine construction—gear cutting; drilling; planning and laying out work.

All work turned out by the students must pass a rigid inspection.

During the fourth year the student either alone or in conjunction with his classmates builds some machine of practical use.



Broom Shop.

ACADEMIC DEPARTMENT.

JAMES B. DUDLEY, President.

S. B. JONES, Director and Instructor in English and Physiology.

F. D. BLUFORD, Assistant in English.

CHARLES E. STEWART, Instructor in Music and General History.

D. K. CHERRY, Instructor in Mathematics.

W. F. COLEMAN, Instructor in History and Geography.

D. J. JORDAN, in charge of Teachers' Training Course and Supervisor of the Night School.

DESCRIPTION OF COURSES

ENGLISH.

The purpose of the course in English is to teach students to speak correctly, read with ease and intelligence, and to express their thoughts accurately and idiomatically in writing. For this reason oral composition figures largely in the course. Reading is carried through the four years. Especial emphasis is placed upon letter writing and short essays.

The work of the classes is arranged as follows:

FRESHMAN. F. D. Bluford, Instructor.

Fall Term—The elements of rhetoric as applied to description and narration. Letter Writing: Letter writing will be emphasized as an important form of composition—two themes each week.

Winter Term—Collection of material for a theme and development of both outline and theme. Careful attention will be

given to the essential qualities of the theme—two themes each week.

Spring Term—The nature and development of the paragraph as a unit of composition. Careful study will be made of the isolated and related paragraphs—two themes each week. Text Book: Lockwood's Composition and Rhetoric. Reading Literary Masterpieces of American Literature.

SOPHOMORE. F. D. Bluford, Instructor.

Fall Term—Review of parts one and two in Lockwood and Emerson's Rhetoric. The sentence from the viewpoint of Rhetoric. Words will be studied from the standpoint of their use in expressing various shades of meaning—two themes each week.

Winter Term—The important forms of prose, figures of speech.

Spring Term—Continuation of the work of the Winter Term. Text Book: Lockwood and Emerson's Rhetoric and Compositions—parts three and four. Reading—Literary Masterpieces completed.

JUNIOR. F. D. Bluford, Instructor.

Fall Term—Rhetoric is continued in the study of the laws of debate and argument. Careful attention is given to the making of briefs. A minute study of Burke's speech on Conciliation with America.

Winter Term—Rhetoric is continued with essays on current topic. Daily reviews of current events. Macaulay's Essay on Johnson is read.

Spring Term—The elements and qualities of style. Biographical sketches and reviews. Carlyle's essays on Burns will be read.

SENIOR. S. B. Jones, Instructor.

Fall Term—The principles of argumentation. Weekly themes. The reading and study of American and English au-

tohrs. Text-books will be used for reading, for practice in grammatical construction and as models of English composition. Themes on subjects connected with the various industries of the students will be required.

Winter Term—Continuation of the work of the fall term.

Spring Term—Completion of the work of the fall and winter terms. Students will be required in addition to prepare a thesis in connection with some phase of the industrial work of the college.

FRESHMAN.

GENERAL HISTORY. C. E. Stewart, Instructor.

Fall Term—Rise of the Germanic peoples. The effect of the Crusades on arts, science and commerce. Influence of Christianity in shaping the civilization of the Middle Ages. Current Events.

Winter Term—The Reformation in Europe. The period of absolute monarchy. The rise of democracy and the French and American Revolutions. Expansion of modern nations with special reference to the expansion of the United States. Current Events.

Spring Term—General Review. Current Events.

Text-book: *Myers' General History*.

SENIOR.

ECONOMICS. S. B. Jones, Instructor.

Winter Term—The scope of the science of economics. The principles of economics as applied to land, labor and capital. The economy of spending and saving; organization of production; meaning of value.

Spring Term—Money, credit and banking. Distribution of the products of economic effort—wages and profits. Public finance.

Text-book: *Ely-Wicker's Principles of Economics*.

MATHEMATICS. D. K. Cherry, Instructor.

The mathematics in this department is clear and practical. The aim is to give each student sufficient mathematics to enable him without difficulty to make the scientific research and investigation required in both the agricultural and mechanical departments. The following courses are offered: Algebra in the Freshman year; Plane Geometry in the Sophomore; Solid Geometry and Trigonometry in the Junior year; Surveying in the Senior year.

I.—ALGEBRA. Freshman.

Fall Term—General review. Special study of the equation. Simultaneous equations with graphical representation. Problems.

Winter Term—Involution and evolution. Theory of exponents. Radicals. Quadratic equations, with graphical representation. Problems.

Spring Term—Ratio and proportion. The progressions. The binomial theorem. Problems.

II.—PLANE GEOMETRY. Sophomore Year.

Fall Term—Geometric conceptions and magnitudes. The relation of Geometry to Algebra and Arithmetic. Simple constructions; angles and lines; geometry of the rectilinear figures. Book I.

Winter Term—Books II and III. The geometry of the circle will be followed by the geometry of similar polygons. Special attention will be given the similar triangle. The principle of stadia measurements will be explained. Application of the laws of proportion in similar polygons.

Spring Term—Books IV and V. Much attention will be given the geometry of areas. The principles of elementary surveying will be taught and actual field work will be done with simple hand-made instruments.

III.—SOLID GEOMETRY AND TRIGONOMETRY. Junior Year. F. C. Johnson, Instructor.

Fall Term—Lines and planes in space. The geometry of the pyramid, cone, sphere, etc.

Winter Term—Trigonometry. Scope and practical applications of trigonometry. Functions of angles. Logarithms. Solution of right triangles.

Spring Term—The oblique triangle. Areas of triangles. Practical applications.

IV.—SURVEYING. Senior Year. F. C. Johnson, Instructor.

Fall Term—Study is made of the use and care of instruments. Practical problems are worked out in the classroom and given immediate application. Copies of deeds are secured from which surveys are made. Practice is given in stadia measurements, and topographical drawings are made of plots and fields in the vicinity of the school.

Text-books: *Durell's School Algebra*; *Durell's Plane and Solid Geometry*; *Durell's Trigonometry and Surveying*.

TRADE SCHOOL COURSE

FIRST YEAR TRADE.

NORTH CAROLINA HISTORY. D. J. Jordan, Instructor.

The State history is studied to give the students such a knowledge of the development of the State in order to enable them to understand better our present age of progress, and with a view that it may arouse a greater love for the State.

A mastery of the chief facts of history is required, but they are studied as landmarks in great movements and not as isolated facts, to the end that a sense of the unity and continuity of history may be preserved.

Fall Term—The beginning of North Carolina history. The settlement and developing of North Carolina.

Winter Term—A study of the governors of North Carolina and their work before the Revolution and after.

Spring Term—The present day history of North Carolina. A close study of the progress made in North Carolina from the time of the Revolution to the present day.

Text-book: *Hill's Young People's History of North Carolina.*

FIRST YEAR TRADE.

ENGLISH. Pres. J. B. Dudley and F. D. Bluford, Instructors.

Language work is begun; the student is taught to express simple ideas gathered from his own experience in the various industries of the college or suggested by stories and pictures. Special attention will be given to the elementary principles of Grammar, such as the use of capitals, punctuation, abbreviations, simple paragraphing and letter writing. In the Spring term short themes on the students' trade work will be required.

Text-book: *Emerson and Bender, Book One.*

FIRST YEAR TRADE.

READING. W. F. Coleman, Instructor.

The aim of this course is to train the discriminating power, express activity, strengthen the moral sentiment and memory, and establish the capacity for intelligent, fluent reading in the student. Great pains are taken to secure alluring and instructive reading without sacrificing simplicity of thought and expression.

Text-books: *Baker-Carpenter Series.*

FIRST YEAR TRADE.

GEOGRAPHY. W. F. Coleman, Instructor.

Fall Term—The first part of the year's work is local and is

based on the observation of the student. (a) Direction, distance, color, form; (b) Weather charts.

Winter Term—The work for this and the following term is foreign and depends upon the imagination of the student. It is stimulated by pictures, stories, vivid descriptions and a set of geographical charts recently purchased by the college. (a) Conception of the world as a whole; (b) Different types of people; (c) Imaginary excursions.

Spring Term—Local occupations.

Text-book: *Dodge's Primary Geography*.

FIRST YEAR TRADE.

ARITHMETIC. D. K. Cherry, Instructor.

Fall Term—Review of the four fundamental operations with numbers consisting of as many as eight figures. Cancellation. Reading, writing, and reduction of simple fractions. Addition and subtraction of fractions.

Winter Term—Review of all previous work; multiplication and division of fractions; miscellaneous practical problems illustrating the use of principles learned; reduction of complex fractions.

Spring Term—Thorough review of the work of the fall and winter terms; fractional relations; aliquot parts of 100.

Text-books: *Noble and Stevens' Primary Arithmetic*; *Milne's Arithmetic, Book III*.

FIRST YEAR TRADE.

MUSIC. Charles E. Stewart, Instructor.

Fall Term—Study of the simple rudiments of music, such as the staff, the notes, the rests. Rote singing for the voice and ear.

Winter Term—Practice in the writing of notes and signs. Begin a study of the keys and reading. Elementary sight singing.

Spring Term—How to sing in the key of "C." Study of

simple melodies in the easy keys. Sight singing and ear training.

SECOND YEAR TRADE.

ENGLISH. F. D. Bluford, Instructor.

The study of formal grammar is begun. Special mention is given to the formation and application of rules and definitions concerning the grammatical structure of the sentence. Study of analysis and inflection is emphasized and the special rules for the use of the various cases are studied and applied. Careful attention is given to the development of the paragraph, and the rules and convention governing the various forms of correspondence will be emphasized.

Text-book: *Emerson & Bender—Modern English, Book II.*

SECOND YEAR TRADE.

U. S. HISTORY. D. J. Jordan, Instructor.

The chief epochs and crises showing growth and natural development will be studied to encourage and strengthen the sentiment of patriotism.

Fall Term—Condition of Europe in the 15th century. Period of discovery.

Winter Term—Settlement of the Thirteen Colonies. Colonial wars. Great westward movement.

Spring Term—Period of the Revolution. Critical Period. Making of the Republic.

Text-book: *Our Republic (Chandler).*

SECOND YEAR TRADE.

GEOGRAPHY. W. F. Coleman, Instructor.

Fall Term—Principles of geography. Geography of the United States, Dominion of Canada, Mexico.

Winter Term—Trade and navigation. South America, Europe, Asia, Africa.

Spring Term—Australia, Philippine Islands, Oceania. General Review.

Text-book: *Dodge's Comparative Geography.*

SECOND YEAR TRADE.

READING. W. F. Coleman, Instructor.

The aim of this course is to train the discriminating power, express activity, strengthen the moral sentiment and memory, and establish the capacity for intelligent, fluent reading in the student. Great pains are taken to secure alluring and instructive reading without sacrificing simplicity of thought and expression.

Text-books: *Baker-Carpenter Series.*

SECOND YEAR TRADE.

FREEHAND DRAWING. W. F. Coleman, Instructor.

Fall Term—Autumn leaves, branches, trees. Pencil painting. Calendar making.

Winter Term—Story illustration. Construction work.

Spring Term—Budding twigs; flower painting; landscape.

SECOND YEAR TRADE.

ARITHMETIC. D. K. Cherry, Instructor.

Fall Term—Review of fractions; analysis of problems; miscellaneous problems.

Winter Term—Denominate numbers; longitude and time; reviews.

Spring Term—Metric system; practical measurements; temperature, lumber, roofing, flooring, plastering, painting, papering, and carpeting; miscellaneous review problems.

SECOND YEAR TRADE.

MUSIC. Charles E. Stewart, Instructor.

Fall Term—Physiological construction of the singing ap-

paratus and the functions of the different parts. Written and drawn work. Study of the keys of "C" and "G."

Winter Term—Unison singing of simple melodies. Study of the keys of "C," "G," "D," "A." Sight singing and reading exercises.

Spring Term—Duet singing from sight work. Study of the tone work in voice production.

THIRD YEAR TRADE.

ENGLISH. W. F. Coleman, Instructor.

Fall Term—Review of the parts of speech. The study of the sentence. Oral and written composition.

Winter Term—Composition continued. Analysis and diagramming of sentences. Letter writing.

Spring Term—Letter writing and composition continued. Parsing.

Text-book: *Emerson and Bender's Modern English Book II.*

THIRD YEAR TRADE.

UNITED STATES HISTORY. D. J. Jordan, Instructor.

Fall Term—War of the Secession.

Winter Term—Period of Development.

Spring Term—Period of Development (continued). General review. Historical discussions from the newspapers.

Text-book: *Chandler's Our Republic.*

THIRD YEAR TRADE.

PHYSICAL GEOGRAPHY. W. F. Coleman, Instructor.

Fall Term—The earth as a globe. The atmosphere. The ocean. Shore lines.

Winter Term—The land; planes and plateaus; mountains; volcanoes.

Spring Term—River valleys; glaciers and deserts; distribution of plants, animals and man.

Text-book: *Davies' Physical Geography.*

THIRD YEAR TRADE.

PHYSIOLOGY AND HYGIENE. S. B. Jones, Instructor.

The aim of this course is to teach the student to understand the elementary functions of the body so that he may apply this knowledge to the practical safeguarding of his own health and that of his community.

Fall Term—the Physiology of Bone, Muscle, Foods and Digestion.

Winter Term—The Physiology of the Circulation, Respiration, Skin and Nervous System.

Spring Term—Elementary Hygiene. Bacteria and their Relation to Man. Preventable Diseases. Personal Hygiene. The Sanitation of the Home.

Text-books: *Lippincott's Physiology Book III*; *Ritchie's Primer of Sanitation*.

THIRD YEAR TRADE.

FREEHAND DRAWING. W. F. Coleman, Instructor.

Fall Term—Autumn growths—grasses, weeds, sedges, seed pods; landscapes; perspective.

Winter Term—Decorative treatment—treatment that does not seek to express fact or reality, but aims to express arrangement of lines, masses, or color whether from natural or abstract motives in accordances with the principles of design. Book designs, stencil designs, programme designs, portfolios.

Spring Term—Spring flowers; animal drawing; still life drawing.

THIRD YEAR TRADE.

ARITHMETIC. D. K. Cherry, Instructor.

Fall Term—Rapid review of previous work; percentage and all of its applications.

Winter Term—Interest—simple, compound and annual; promissory notes; banking; exchange.

Spring Term—Stocks and bonds; ratio and proportion; powers and roots; mensuration; general review.

THIRD YEAR TRADE.

MUSIC. Charles E. Stewart, Instructor.

Fall Term—Study of and sight reading in the keys of “C,” “F,” “Bb,” “Eb,” “Ab,” “Db.” Singing and reading exercises.

Winter Term—Singing and reading exercises and tone work.

Spring Term—Sight singing in the various keys studied. Quartette and chorus work.

FOURTH YEAR TRADE.

ENGLISH. W. F. Coleman, Instructor.

Fall Term—Review of the sentence. Advanced study of the sentence.

Winter Term—Analyzing and diagramming different sentences, clauses and phrases. Composition.

Spring Term—Sentence study continued. Letter writing and composition. Special emphasis is laid on purely business English.

Text-book: *Emerson and Bender's Modern English Book II.*

FOURTH YEAR TRADE.

CIVICS. D. J. Jordan, Instructor.

“The ideal citizen is the man who believes that all men are brothers, and that the nation is merely an extension of his family, to be loved, respected and cared for accordingly.”—Haberton.

The chief aim of the instruction in civics is to train the student for intelligent and conscientious participation in civic activities.

The pupils are urged to watch the daily newspapers for items of practical interest. A record of these items and their

own observations is kept in a note-book and furnishes concrete illustration to the general descriptions of the text-book.

The student is encouraged to visit charitable, penal and educational institutions, established and maintained by the commonwealth in order that he may more thoroughly understand the responsibilities and obligations devolving upon the citizen.

Fall Term—Fundamental principles of civil government. Formation of the government of North Carolina.

Winter Term—Study of the government of North Carolina in operation.

Spring Term—Qualifications, rights and duties and responsibilities of citizenship.

Text-book: *Pecle's Civil Government*.

FOURTH YEAR TRADE.

FREEHAND DRAWING. W. F. Coleman, Instructor.

Fall Term—Expressing simple forms by lines. Study of the position and proportion of figures. Pictorial work. Especial attention is given to characteristic sketches for each month.

Winter Term—Pictorial work continued. Design; decorative and constructive design.

Spring Term—Pictorial work continued. Out-of-door study; pencil and water color work. Plant study.

FOURTH YEAR TRADE.

ALGEBRA. D. K. Cherry, Instructor.

Fall Term—Review of the most important topics in arithmetic; elementary algebra; symbols and fundamental principles; solution of simple equations and problems; negative numbers; addition and subtraction of algebraic expressions, parentheses.

Winter Term—Review of previous work. Multiplication and division of algebraic expressions; solution of equations; abbreviated methods in multiplication and division.

Spring Term—Factoring; highest common factors and low-

est common multiple; fractions and processes with fractions; fractional and literal equations. Reviews.

Text-book: *Durell's School Algebra; Milne's Arithmetic Book III.*

FOURTH YEAR TRADE.

MUSIC. C. E. Stewart, Instructor.

Fall Term—General review of the major keys, sight singing, written work.

Winter Term—Duet, quartette and chorus work. Individual work before the class.

Spring Term—General review of the Trades School work, making drawings of the vocal organs and drawings of musical features. Sight singing and tone work.

FOURTH YEAR TRADE.

BOOKKEEPING. M. Goins, Instructor.

Fall Term—Double Entry—Study of Debits and Credits, Study of the various accounts, Capital, Cash, Merchandise, Personal, Profit and Loss, Journal, Ledger and Trial Balance Books, Balancing and Closing of Accounts. Commercial Correspondence—Study of Business Papers and Letters, Modes and Forms of Expressions, Instruction as to Filing Letters and Papers.

Winter Term—Posting, Ruling, Balance Sheet, Passbook, Writing Checks, Closing Ledger, Partnership, Exercises in Commercial Correspondence.

Spring Term—Closing out of a Business. Resources and Liabilities, Commercial Law and Business papers. Contracts—Construction, Arrangements, Essential Elements, Persons Competent to Make Contracts. Partnership—Advantages and Disadvantages, Rights, Duties. Corporations—Powers and Liabilities, Advantages, Formation, Laws Governing Them. Agency—How Created; Principal—His Duties, Rights and Liabilities; Agent—His Duties, Rights and Liabilities. Negotiable Papers

—Notes, Bonds, Money Orders, Drafts, Endorsements, Protest, Duties of Holder. Legal Papers—Deeds, Deeds of Trust, Mortgages, General Principles governing same.

Text-book for Bookkeeping: *The Twentieth Century Book-keeping and Office Practice*. J. W. Baker, Knoxville, Tenn. *Practical Law*. Ellis Publishing Co.

FOURTH YEAR TRADE.

GENERAL HISTORY. C. E. Stewart, Instructor.

Fall Term—Ancient History—contributions to modern civilization of Egyptians, Assyrians and Babylonians, Hebrews and Phoenicians.

Winter Term—The story of the Greek people. How they saved Europe to democracy. Influence of Greek civilization upon the life of modern nations.

Fall Term—The rise of Rome. Influence of Rome on the modern world.

Text-book: *Myers' General History*.

MUSIC—CHAS. E. STEWART, Director.

The work in music is a practical study beginning with the rudimentary elements and moving progressively through the course as outlined in the New Educational Music Course. This work, however, is supplemented by much work of value to the students. The A. and M. College Choral Club is an organization for the study and rendition of musical works and gives very excellent opportunity for practice and study.

The A. and M. College Band affords opportunity for those wishing to be actively engaged in the study of the wind instruments while the orchestra appeals to those interested in the study of the stringed instruments. Young men wishing to join any of these organizations must be at the school and ready for work as soon as possible in the early part of the Fall term,

as the band and orchestra cannot accept performers after this time unless by special arrangement.

Those contemplating buying orchestral or band instruments with the intention of joining the band or orchestra should consult the instructor before doing so. All members of the band must be uniformed.

Those wishing to make a special study of the piano, or voice will be given opportunity to do so at small cost.

COURSE OF STUDY

Trade School Classes

FIRST YEAR.

Fall Term—Rote songs for the development of the sense of tonality and rhythm using the sol-fa syllables and words.

Winter Term—Eye training and use of elementary symbols.

Spring Term—Development of the rote song through ear training and adapting the rote song to the presentation of symbols and keys.

SECOND YEAR.

Fall Term—Review work, individual and class drill in singing exercises from dictation and the board.

Winter Term—Reading and singing melodies from the book and original exercises from the board in various keys.

Spring Term—Sight singing and ear training in the simple keys.

THIRD YEAR.

Fall Term—Review, eye training from the staff using board work.

Winter Term—Short review, use of two notes to one beat.

Spring Term—Sight singing and rhythmic practice.

FOURTH YEAR.

Fall Term—Sight singing in the various keys and beginning in singing sharp four.

Winter Term—Singing in 3-4, 2-4 and 4-4 measure. Extended work in sharp four, five, and flat seven.

Spring Term—Singing two part songs as a development of previous work.

College Classes

FRESHMAN.

Fall Term—Review work, singing the dotted eighth and 6-8 measure.

Winter Term—Singing two part melodies and transposing.

Spring Term—Singing two part melodies in various measures.

SOPHOMORES.

Fall Term—Singing in all the sharps and flats. Beginning of the minor modes.

Winter Term—Three part singing.

Spring Term—Singing and transposing in all the keys.

JUNIORS.

Fall Term—Transposing and singing in three parts using the various measures.

Winter Term—General singing in the parts and beginning of a study of syncopation.

Spring Term—Chorus and individual singing.

SENIORS.

Fall Term—Two, three and four part singing.

Winter Term—Continuation of the singing and transposing and a study of the lives of the famous composers.

Spring Term—Chorus singing and a study of the organiza-

tion of various musical societies. Transposition of some large work.

NIGHT SCHOOL—D. J. JORDAN, Supervisor.

In order to extend the usefulness of this institution as far as possible among young men who are without means or friends to assist them, a night school will be conducted that will permit students to work during the day and attend school at night. While the opportunities for advancement in the night school will not be equal to those of the day school, the best that the conditions will permit will be given, and students attending the night school may eventually arrange to enter the day school. Courses completed in the night school receive the same credit as if completed in the day school.

It is especially desirous that the young men of the city who are employed during the day will avail themselves of this opportunity.

To enter the night school, the applicant should be sixteen years of age, and he should first secure work. This may be done by sending written application immediately to The President, A. & M. College, Greensboro, N. C.

ROSTER OF NIGHT SCHOOL

Days	7—8	8—8.30	8.30—9	9—9.30
Monday.....	Arithmetic..	English.....	U. S. or N. C. History.....	Writing....
Tuesday.....	Arithmetic..	English.....	Geography....	Reading and Spelling..
Wednesday....	Arithmetic...	English.....	U. S. or N. C. History.....	Writing....
Thursday.....	Arithmetic..	English.....	Geography....	Reading and Spelling..
Saturday.....	Arithmetic...	English.....	U. S. or N. C. History.....	Writing....

TEACHERS' TRAINING COURSE—D. J. JORDAN, Director.

PURPOSE.—The demand for better prepared teachers is well-nigh universal, and is constantly increasing in force. Nowhere is the need more strongly felt or the call more urgent than in the country districts, where the majority of Negroes live. Good schools in a community attract a better class of laborers and do much towards bringing contentment, peace and consequent prosperity to those already there.

To meet this demand and to afford teachers who desire to prepare themselves thoroughly for their task, an opportunity to do so under most favorable conditions, this course has been established.

EXTENT OF THE COURSE.—At present the course requires one year of residence work in the subjects indicated below, but will be extended and improved from time to time as may be found necessary.

ADMISSION.—Graduates of the A. & M. College, the State Normal Schools at Winston-Salem, Fayetteville and Elizabeth City, and of schools of similar or higher grade, will be admitted without examination. Men already engaged in teaching, but who are not graduates of accredited schools, may be admitted to the course under certain conditions and allowed to make up the work in which they may be deficient.

BENEFITS.—Students in this course will be permitted to share in the large opportunities and advantages offered in our well-equipped laboratories and work shops. Opportunities for practical teaching under competent direction are offered in the Night School.

It is intended to make the work so thorough and practical in every way as to deserve and receive the endorsement of the school authorities of North Carolina and elsewhere.

DIPLOMA.—An appropriate certificate will be given those who satisfactorily complete the course.

COURSES OF STUDY

FALL TERM.

EDUCATIONAL PSYCHOLOGY.—This is an elementary course in Psychology designed to be fundamental to the other courses, being a study of the laws of mental action and growth upon which the principles of teaching are based. Text-book: *Betts' "The Mind and Its Education,"* and lectures.

THE HISTORY OF EDUCATION.—A course in the study of educational theories and progress among the most important peoples from pre-Christian times to the present, and includes biographical sketches of some of the leading educational reformers. Text-book: *Painter's "A History of Education,"* and lectures. *Latin for Beginners,"* D'Ooge.

WINTER TERM.

THE PRINCIPLES OF EDUCATIONAL PRACTICE.—A thorough study of the several phases and aspects of education and their relations to psychological and sociological principles. Text-book: *Klapper's "Principles of Educational Practice."*

SCHOOL ORGANIZATION AND MANAGEMENT.—This course offers a comprehensive study of the principles that underlie the organization and conduct of school-room affairs so as to secure the best results in comfort, health, good order, obedience to authority, and character development. *Bagley's "Class Room Management,"* and lectures. *"Latin for Beginners,"* D'Ooge.

SPRING TERM.

ELEMENTARY PEDAGOGY.—A course which includes a clear and concise statement of the several teaching processes, the principles upon which they are based, their educational values and practical application in the every-day work of the class room. Text-book: *White's "Elements of Pedagogy,"* and lectures. *"Latin for Beginners,"* D'Ooge.

CHILD STUDY.—A study of the conditions and needs of chil-

dren in their development and growth. Text-book: *Tracy's "Psychology of Childhood,"* and lectures.

FALL, WINTER AND SPRING TERMS.

MANUAL TRAINING.—Each student will be expected to take some one of the several industries taught at the college, and those who have not taken such work before will be required to do so as a pre-requisite to graduation. There is a great demand for teachers who can introduce manual training in their schools, and this course is offered to meet this demand.

PRACTICE TEACHING.—Throughout the session students will be required to teach, under proper direction, at least one class in our Night School.

NATURE STUDY.—A study of the more common and familiar objects of nature, such as animals, insects, plants, soils, stones, etc., with the purpose of preparing the student to helpfully and interestingly conduct Nature Study classes of young children. At first, emphasis will be laid on object lessons and drawings; but later, greater stress will be placed upon the more fundamental facts of the objects studied.

REVIEWS.—These reviews will be principally in Arithmetic, Grammar, Geography, History, Composition and Reading, the purpose being two-fold: (1) Better to prepare the student for passing the public school examinations, and (2) to illustrate good methods in teaching such subjects.

REQUIRED READING.—The following text-books are required to be read and reported upon by the students:

"Theory and Practice of Teaching."—*Page*.

"Human Behavior."—*Colvin and Bagley*.

"Teaching a District School."—*Dinsmore*.

"The Teacher and the School."—*Colgrove*.

"School Management."—*Dutton*.

"The Art of Teaching."—*White*.

Also the educational journals and magazines that come to our reading room.

LIST OF GRADUATES.

1899.

"No steps backwards."

- Cheek, W. T. C., B. S., State Normal School, Instructor in
 Carpentry Winston, N. C.
 Cunningham, I. C., B. S., M. D., Physician.....Owensboro, Ky.
 Curtis, A. W., B. Agr., M. S. A., Head of Department of Agriculture,
 West Virginia Col. Institute Institute, W. Va.
 Falkener, E. L., B. Agr., Farmer Warrenton, N. C.
 Joyner, J. M., B. Agr., Postoffice Clerk, care Clerks' Box C,
 Philadelphia, Pa.
 *Robinson, P. E. Raleigh, N. C.
 *Watson, A. Greensboro, N. C.

1900.

"By our efforts we rise."

- *Best, C. H. Grove Hill, N. C.
 Green, J. H., M. S., Medical Student, Temple Univ.....Philadelphia, Pa.
 Moore, R. D., B. Agr., Postal Clerk Wilmington, N. C.
 Neal, J. P., B. S. 1119 G St., N. E., Washington, D. C.
 Plummer, E. S., B. S., Mechanic..35 West 21st Street, New York City
 *Quick, J. R. Laurinburg, N. C.
 Robinson, Chas., B. S., Official Photographer..Tuskegee Institute, Ala.

1901.

"Fortune favors the brave."

- Colson, E. F., B. Agr., Instru. in Agr. J. K. Brick Sch....Enfield, N. C.
 Edwards, G. A., M. S., Teacher, Manual Training, Shaw
 University Raleigh, N. C.
 Grimes, Frances T., B. S.....54 Mountain St., Asheville, N. C.

1902.

"After the contest, victory."

- Bullock, Mrs. H. A., B. S., Housekeeper.....Greensboro, N. C.
 *Henderson, A. P., B. Agr. Chicago, Ill.
 Hepler, T. H., B. Agr.
 Holcome, A. J. P., B. Agr. Raleigh, N. C.
 Garrett, Mrs. F. E. Teacher.....Greensboro, N. C.
 Mebane, A. L., B. Agr., M. S. A., Farm Superintendent, A. & M.
 College Greensboro, N. C.



Football Team.

Quinn, Wm., B. S., Plumber Raleigh, N. C.
 White, W. A., B. Agr.

1903.

“More beyond.”

Alexander, W. G., B. S., Engineer.....422 Elton St., Brooklyn, N. Y.
 Amey, Chas. C., B. S., Bursar and Registrar, A. & M. College,
 Greensboro, N. C.
 Burnett, A. C., B. Agr., Teacher Agr.
 Forney, H. G., B. Agr., Agriculturist, J. K. Brick School..Enfield, N. C.
 Haywood, Burke, B. S., Mechanic.
 Holmes, J. W., B. S., Architect, St. Augustine School....Raleigh, N. C.
 Hunter, C. C., B. Agr. West Raleigh, N. C.
 Jefferson, C. B., B. S.Warrenton, N. C.
 McLendon, J. R., B. S.
 Robinson, R. R., B. Agr., Instructor.....Tuskegee Institute, Ala.
 Robinson, W. F., B. Agr., Asst. Florist.....Tuskegee Institute, Ala.
 Yores, Edward, B. S.....824 N. 13th St., Philadelphia, Pa.

1904.

“Through the dust to the stars.”

Chance, W. C., B. Agr., Pres. Parmele Industrial Inst....Parmele, N. C.
 Edward, W. T., B. S., 607 Lincoln St., Wilmington, Del. (Siler City, N. C.)
 Greenlee, Percy C., B. Agr.....111 Foot St., New Haven, Conn.
 Jones, L. A., B. Agr..... Rocky Point, N. C.
 Oldham, A. A., B. S., Architect.....Chestnut St., Greensboro, N. C.
 Ramseur, L. L., B. Agr., Teacher.....Newton, N. C.
 *Reaves, W. V. Glendon, N. C.

1905.

“Thus ends our first lesson.”

Hooper, L. B., B. S... U. S. S. Des Moines, care Postmaster,
 New York City
 Johnson, J. I., B. Agr., Dairyman.....Detroit, Mich.
 Lamb, W. M., B. Agr., Dairyman.....Charles City Court House, Va.
 Richie, E. W., B. S. (Howard Uni.)..25 Wolwick St., Spartanburg, S. C.
 Turner, R. R., B. S., Tinner.....West Raleigh, N. C.
 Watson, P. P., B. S., Teacher of Man. Training, Mary Potter
 School Oxford, N. C.

Specials.

Jones, G. W., Carpenter Mebane, N. C.
 Prather, E. A..... Hayti St., Raleigh, N. C.

1906.

"Our Aim Victory."

Ford, I. R., B. S., Manufacturer.....Greensboro, N. C.
 Greenlee, N. B., M. D.....New York City
 Hawkins, J. A., B. S., Mechanic..... Cary, N. C.
 Johnson, W. T., B. Agr.....Hodge street, Greensboro, N. C.
 McRae, S. D., B. Agr., Principal Graded School.....Sanford, N. C.
 Rand, John Milton, B. Agr., Contractor.....Washington, D. C.
 Stewart, Needham, B. Agr., Dairyman..520 W. Market St., Greensboro

Special, With Short Course Certificates.

Baldwin, M. L., Rev.Wilmington, N. C.
 Lee, Jas. A. Thomasville, N. C.
 Faduma, Orishatukeh, Rev., Instructor N. R. T. School..Durham, N. C.

1907.

"Climb tho' the rock be rugged."

Caesar, Robert, B. Agr., Stonecutter.....Mount Airy, N. C.
 Carter, O. H., B. Agri., Farmer.....Route No. 1, Fayetteville, N. C.
 Donnell, Clyde, B. Agr., Med. Student, Harv. Univ., Cambridge, Mass.
 Davis, Chas. G., B. S., Teacher of Manual Training, Normal
 School Henderson, N. C.
 Keck, William, B. Agr., Teacher.....Guilford College, N. C.
 Rivera, T. A., B. Agr., Bookkeeper.....Fayetteville St., Durham, N. C.
 Scott, Chas. A., B. Agr., Contractor....520 Spruce St., Goldsboro, N. C.
 Smith, Edward, B. S.....911 E. Market St., Greensboro, N. C.
 Truman, J. C., B. S.....826 Nebraska Ave., Kansas City, Kansas
 Williams, M. W., B. Agr., Teacher.....Halifax, N. C.

Special.

*Leach, ThomasPittsboro, N. C.

1908.

"Lifting as we climb."

Alston, A. J., B. Agr. Arcola, N. C.
 Bailey, N. A., B. Agr., U. S. Farm Demonstrator, A. & M.
 College Greensboro, N. C.
 Baldwin, Seaton, B. S..... Philadelphia, Pa.
 Cotton, Samuel, B. S.
 Darden, A. N., B. Agr.....110 Pender St., Wilson, N. C.
 Flow, Baxter D., B. Agr.....care Eagle's Drug Store, Charlotte, N. C.
 Foster, Chas. L., B. S., Teacher of Blacksmithing, A. & M.
 College Greensboro, N. C.
 Harrison, M. L., B. S., Blacksmith.....R. F. D. 2, Yorkville, S. C.



North Carolina A&M College 1912-13
For the Colonial Season

Harrison, R. H., B. S., Blacksmith.....R. F. D. 2, Yorkville, S. C.
 Johnson, Enoch J., B. Agr.....Chester, S. C.
 Lamb, J. L., B. S., Teacher Box 266, Fentress, Va.
 McGimpsey, J. R., B. Agr.....Verbank Farm Sch., Verbank, N. Y.
 Merrick, Edward R., B. Agr...care N. C. Mutual Ins. Co., Savannah, Ga.
 *Powell, Wylie, B. Agr..... Wilson, N. C.
 Reid, Chas. B., B. Agr.....Box 100, Wadesboro, N. C.
 Smith, John H., B. Agr., Teacher of Agriculture, Voorhees Industrial
 School Denmark, S. C.
 Spaulding, John W., B. S., Bricklayer..1000 Twentieth St., N. W.
 Washington, D. C.

Special

Holmes, W. H.Goldston, N. C.

1909.

"Service, Our Mission."

Barnes, B. W., B. Agr., Registrar A. & M. College....Greensboro, N. C.
 Berry, Richard, B. Agr., Bookkeeper.....Box 63, Laurinburg, N. C.
 Crawford, J. L., B. S., Meharry Med. College.....Nashville, Tenn.
 Davis, C. J., B. Agr., Teacher..... Polkton, N. C.
 Davis, J. H., B. Agr.....Tarboro, N. C.
 Evans, Edward, B. S., Stu. Howard Uni.....Washington, D. C.
 Gill, Jas. C., B. Agr., Teacher of Agriculture.....Camp Nelson, Ky.
 Mabery, Samuel, B. S., Mechanic..... Catawba, N. C.
 Markham, W. H., B. S., Ass't Registrar A. & M. Coll., Greensboro, N. C.
 Mask, J. D., B. S., Teacher Manual Training.....Sedalia, N. C.
 Mitchell, John W., B. Agr., State Nor. School.....Fayetteville, N. C.
 Nelson, Fer. D., B. S., Bricklayer.....Pittsburgh, Pa.
 Price, P. B., B. Agr., Bookkeeper.....Box 63, Laurinburg, N. C.
 Webb, H. E., B. Agr., Farmer.....Mebane, N. C.
 Wray, John D., B. Agr., Farm Supt., A. & M. Col., Greensboro, N. C.
 Waugh, George, B. Agr.....Route No. 4, Greensboro, N. C.
 Wilkins, J. W., B. Agr.....213 Coutts St., Richmond, Va.

Two-Year Course Certificates.

Ingram, W. H., FarmerAnsonville, N. C.
 Jordan, J. F., Farmer Guilford

1910.

"Deeds, Not Words."

Bunn, Roger Edgar, B. Agr., Student Howard Uni., Washington, D. C.
 Dixon, Cornelius Vanderbilt, Student, Meharry Med. Col.,
 Nashville, Tenn.

Johnson, Alonzo Bernard, B. Agr., Teacher of Agriculture,
 McKinley Institute Meadville, Va.
 Lawrence, Cephas Warrick, B. Agr., Student, Lincoln University, Pa.
 *Lewis, Needham Roscoe Selma, N. C.

Two-Year Course Certificates.

Waugh, Sterling Thomas, Truck Farmer..R. No. 4, Greensboro, N. C.

1911.

"Life is What We Make It."

Bryant, W. H., B. S. A., Med. Student, Shaw Uni.....Raleigh, N. C.
 Byarm, L. P., B. S. M., Instructor, A. & M. College, Greensboro, N. C.
 Busbee, R. L., B. S. A., Student Howard Univ.....Washington, D. C.
 Mask, J. W., B. S. M., Teacher of Manual Training, Colored
 Graded School Washington, N. C.
 Moseley, Welton, B. S. A., Student Howard Univ., Washington, D. C.
 Sanders, M. S., B. S. M., Teacher of Broom-making, A. & M.
 College Greensboro, N. C.
 Slade, S. W. R., B. S. A., Teacher of Agriculture, Howard
 Orphan Asylum..... King's Park, L. I.
 Williams, F. B., B. S. A., Truck Farmer, 608 Beaver St.
 Jacksonville, Fla.

1912.

"Conquering and to Conquer."

Brooks, Samuel T., B. S. A., Floriculturist.....Greensboro, N. C.
 Guess, William H., B. S. A.....223 Vine Street, Goldsboro, N. C.
 Holden, Percy S., B. S. M., Student Howard Uni., Washington, D. C.
 McConnell, William I., B. S. A., Merchant.....Greensboro, N. C.
 Pope, J. Israel, B. S. M., Teacher of Mechanic Arts, Morristown
 Ind. College Morristown, Tenn.
 Shuford, James S., B. S. M., Plasterer, 509 Arredonda St.,
 Gainesville, Fla.
 Wharton, Fletcher Decatur, B. S., A., Asst. Instruc.or in Market
 Gardening, A. & M. College.....Greensboro, N. C.

1913.

"Labor Conquers All."

Barber, John H., B. S. A., Dairyman, State Nor. Sch..Greensboro, N. C.
 Burnett, Foster F., B. S. A., Dental Student, Howard Uni.,
 Washington, D. C.
 Christmas, Lawrence D., B. S. A., Student, Univ. of Pa., Philadelphia.
 Headen, Guy C., B. S. A., Student, Univ. of Pa.,Philadelphia, Pa.

Leak, Henry C., B. S. A., Tinner.....Rockingham, N. C.
 Love, Geo. B., B. S. M., Teachers' Training Course, A. & M. Colege,
 Greensboro, N. C.
 McNeill, Claudius W., B. S. M., Principal Graded Sch.....Morven, N. C.
 Reid, James E., B. S. M., Teacher.....Athens, Ga.
 Virgo, David C., B. S. A., Instructor in Agriculture, Normal
 School..... Elizabeth City, N. C.

Two Year Course Certificates.

Harvey, Harrington, Inst. in Carpentry, St. Augustine's School,
 Raleigh, N. C.
 Hollomon, H., CarpenterAhoskie, N. C.
 Reynolds, Walter R., Merchant Greensboro, N. C.

1914.

"For Home, For State, For Country."

Curry, J. W., B. S. A., Farmer.....Davidson County, N. C.
 Dupree, D., B. S. A., Farmer.....Greene County, N. C.
 Dupree, J. R., B. S. A., Farmer.....Greene County, N. C.
 Hollomon, H., B. S. M., Carpenter..... Ahoskie, N. C.
 Lee, D. W., B. S. A., Teacher.....Oklahoma
 McRae, John A., B. S. A., Farmer.....Robeson, N. C.
 Rieves, Caswell B., B. S. A., Dairyman, A. & M. Col., Greensboro, N. C.
 Roberts, George, B. S. A., Farmer.....Cleveland County, N. C.
 Scurlock, D. P., B. S. A., Farmer.....Moore County, N. C.
 Simmons, S. B., B. S. A., Dairyman.....Fayetteville, N. C.
 Thibodeaux, O. W., B. S. M., Bricklayer.....La Fourche Crossing, La.
 Watlington, James M., B. S. A., Dairyman.....Ruffin, N. C.

* Deceased.

GRADUATES OF THE PREPARATORY DEPARTMENT.

Class of 1900.

Alston, Sarah V. (Miss).....Raleigh, N. C.
 Carter, Alma J. (Miss) Teacher.....Reidsville, N. C.
 Colley, J. C. Durham, N. C.
 Cotton, Lillian (Miss)..... Chester, N. C.
 *Davis, L. E. Wilmington, N. C.
 Davis, Mary O. (Miss)..... Hillsdale, N. C.
 Davis, R. T. Wilmington, N. C.

*Dudley, S. Inez (Miss)	Greensboro, N. C.
Dunham, P. Wm.	Euloria, S. C.
Farrington, Bertha (Miss)	Greensboro, N. C.
Hooper, T. H.	Winston, N. C.
Jeffreys, Annie F. (Miss)	Petersburg, Va.
Jones, Estella D. (Miss)	Chapel Hill, N. C.
McKenzie, Sara P. (Miss) Teacher	Greensboro, N. C.
Pritchett, Nannie L. (Miss)	Greensboro, N. C.
*Quick, Knox S.	Laurinburg, N. C.
Richardson, M. L. (Miss)	Wilmington, N. C.
Simmons, Victor W.	Statesville, N. C.
Strong, Andrew J., M. D., Physician	Norfolk, Va.
Willis, Josie H. (Miss)	Wilmington, N. C.
Wilson, Lillie B. (Miss)	Hillsboro, N. C.
Witherspoon, Annie F. (Miss)	Greenville, N. C.
Wooten, David	Princeville, N. C.
Wright, Annie C.	Danville, Va.

Class of 1901.

Gwyn, Cecil B. (Miss)	Greensboro, N. C.
*Jones, Georgia (Miss)	Raleigh, N. C.
Jackson, N. E., M. D., Physician	Laurinburg, N. C.
Logan, Erkwood	Gale, N. C.
*Lipscombe, Hattie B. (Miss)	Newport News, Va.
Mapp, Sadie (Miss)	Philadelphia, Pa.
Palmer, Dinah (Miss)	Church Hill, N. C.
*Reaves, W. V.	Greensboro, N. C.
Rankin, A. E.	Greensboro, N. C.
Reynolds, Mattie (Miss)	Waynesville, N. C.
Watson, Della A. (Miss)	Grove Hill, N. C.
* Deceased.	

N. B.—In order that this list may be kept accurately, graduates are requested to inform the President of any change in address, vocation, etc.

SCHOLARSHIPS AND PRIZES FOR 1914-'15.

The Odell Hardware Company, of Greensboro, N. C., offers a prize of a five dollar set of fine tools to the Senior having the highest rank in the Mechanical Department for a period of four years.

The J. M. Hendrix prize of five dollars is offered for the student having the best four year record in the Agricultural Department.

The Cone Prize, offered by Mr. Caesar Cone, of Greensboro, N. C., is the income from fifty dollars and is awarded annually to the student having the best industrial record.

Mr. J. A. Hawkins, class of '06, offers a medal to the student holding the best record for scholarship, practical work and good conduct in the Mechanical Department for a period of four years.

LIST OF STUDENTS FOR THE YEAR 1913-1914.

First Year Trade Class.

Name.	County	State.
Alexander, Howard	Guilford,	North Carolina
Barber, William S.	Gaston,	North Carolina
Bayne, Roger E.	Cumberland,	North Carolina
Beaty, Marvin	Catawba,	North Carolina
Best, James R.	Pamlico,	North Carolina
Blue, Garfield	Scotland,	North Carolina
Bost, Dallas W.	Cabarrus,	North Carolina
Broadhurst, King E.	Wayne,	North Carolina
Broadnax, Raymond	Rockingham,	North Carolina
Bullock, Lawney	Person,	North Carolina
Cannady, Bennie H.	Franklin,	North Carolina
Carpenter, William	Rutherford,	North Carolina
Clark, Normal N.	Guilford,	North Carolina
Coley, David H.	Wayne,	North Carolina

Couch, Charles C.	Orange, North Carolina
Craig, Charles	Orange, North Carolina
Davidson, Arthur	Cabarrus, North Carolina
Day, Clarence	Isle of Wight, Virginia
Derr, Rome G.	Lincoln, North Carolina
Derr, Major J.	Lincoln, North Carolina
Dobbin, Glenn	Wilkes, North Carolina
Duncan, Willie	Greenville, South Carolina
Ellis, James M.	Cabarrus, North Carolina
Faison, James	Wake, North Carolina
Faison, Johnny	Sampson, North Carolina
Fallen, John	Halifax, North Carolina
Fisher, Clarence R.	Guilford, North Carolina
Forney, Alexander	Rutherford, North Carolina
Forney, Wright	Rutherford, North Carolina
Foushee, French C.	Moore, North Carolina
Freeman, Monroe	Johnston, North Carolina
Fuller, Melvin	Franklin, North Carolina
Garvin, Raymond	Gaston, North Carolina
Gillespie, John W.	Robeson, North Carolina
Gibson, William	Marlboro, South Carolina
Graves, Alexander F.	Guilford, North Carolina
Gunn, Alvis	Guilford, North Carolina
Guilford, Richard A.	Upson, Georgia
Hackney, Walter L.	Orange, North Carolina
Hargrove, Theodore E.	Philadelphia, Pennsylvania
Harris, Charles E.	Halifax, North Carolina
Harris, James	Scotland, North Carolina
Harris, Samuel	Mecklenburg, North Carolina
Hathaway, William B.	Chowan, North Carolina
Hatten, Willie	Greenville, South Carolina
Hawthorne, Joseph C.	Leon, Alabama
Hawthorne, Wesley A.	Leon, Alabama
Hines, Alonzo	Scotland, North Carolina
Hinnant, Willie V.	Wilson, North Carolina
Hockaday, Caro B.	Wake, North Carolina
Horton, Rosco H.	Wilson, North Carolina
House, James A.	Lincoln, North Carolina
Hunter, Manual	Alamance, North Carolina
Jones, Debroe	Johnston, North Carolina
Long, George F.	Alamance, North Carolina
Long, John H.	Anson, North Carolina
Long, Callie B.	Anson, North Carolina
Lyttle, John L.	Davie, North Carolina
McClelland, LeRoy	Scotland, North Carolina

McElrath, Odell	Mecklenburg, North Carolina
McIver, Fred	Cumberland, North Carolina
McIver, John S.	Lee, North Carolina
McLean, James F.	Hoke, North Carolina
McLaurin, Charles D.	Scotland, North Carolina
Malloy, James B.	Marlboro, South Carolina
Mangum, James	Wake, North Carolina
Martin, Gertis A.	Durham, North Carolina
Mills, DeCausta	Rutherford, North Carolina
Mils, Lemuel	Rutherford, North Carolina
Miller, Adam J.	Rutherford, North Carolina
Moore, A. A.	Cabarrus, North Carolina
Moore, James M.	Pender, South Carolina
Morrow, Harold A.	Guilford, North Carolina
Morton, John F.	Orange, North Carolina
Pool, Armon	Caswell, North Carolina
Reid, James	Gaston, North Carolina
Rice, George A.	Caswell, North Carolina
Richmond, Hubert	Alamance, North Carolina
Rivens, Robert	Cabarrus, North Carolina
Robinson, Sylvester	Cumberland, North Carolina
Sanders, Clarence	Johnston, North Carolina
Shipp, C. R.	Mecklenburg, North Carolina
Sims, Alfred E.	Halifax, North Carolina
Stanfield, Frank	Guilford, North Carolina
Thomas, Charles	Guilford, North Carolina
Thomas, William	Franklin, North Carolina
Tonkins, Earl	Guilford, North Carolina
Wal, Richmond	Richmond, North Carolina
Walston, Vance	Pamlico, North Carolina
Watlington, Joseph	Caswell, North Carolina
Watlington, Sandy	Caswell, North Carolina
Watson, Julius	Robeson, North Carolina
Whitted, Willie M.	Orange, North Carolina
Williams, Charles E.	Union, North Carolina
Wilson, Robert	Catawba, North Carolina
Wood, Frank N.	Guilford, North Carolina
Young, Harry L.	Cabarrus, North Carolina

Second Year Class.

Alston, Napoleon	Union, New Jersey
Armstrong, Claud	Gaston, North Carolina
Beasley, William S.	Baltimore, Maryland
Best, Henry A.	Greene, North Carolina
Blair, William R.	Cabarrus, North Carolina

Bolden, John L.	Caswell, North Carolina
Bowen, Theodore	Beaufort, North Carolina
Craig, Sankie W.	Chatham, North Carolina
Curriu, Thomas	Granville, North Carolina
Deans, Horace E.	Guilford, North Carolina
Dial, William	Gaston, North Carolina
Glenn, McKinley	Halifax, North Carolina
Goodson, Addison T.	Johnston, North Carolina
Green, Solomon	Richmond, North Carolina
Green, Jerry	Montgomery, North Carolina
Holt, Arthur	Wayne, North Carolina
Hunt, Weaver	Wilkes, North Carolina
Jeffreys, Luther	Wake, North Carolina
Jones, James E.	Carteret, North Carolina
King, William	Rockingham, North Carolina
Kirkland, June F.	Orange, North Carolina
Leigh, David W.	Edgecombe, North Carolina
Locklayer, John	Roanoke, Virginia
Luton, Chas. E.	Bertie, North Carolina
McConnell, James	Guilford, North Carolina
McCoy, Edmund	Atlantic City, New Jersey
Mabrey, Charles M.	Edgecombe, North Carolina
Malone, Robert C.	Vance, North Carolina
Mask, William A.	New Hanover, North Carolina
Montague, Joshua	Wake, North Carolina
Moye, U. S.	Pamlico, North Carolina
Nelson, Earl W.	Guilford, North Carolina
Norman, LeRoy	New Hanover, North Carolina
Norris, Edward P.	Pitt, North Carolina
Robinson, Edward L.	Guilford, North Carolina
Rooks, Leonidas E.	Guilford, North Carolina
Sellers, William H.	Alamance, North Carolina
Stultz, Christopher	Notaway, Virginia
Tucker, James L.	Notaway, Virginia
Walker, James R.	Henderson, Kentucky
Watkins, Earl T.	Lawrence, Alabama
Webb, William H.	Alamance, North Carolina
White, Emmanuel	Mecklenburg, North Carolina
Whiting, Bernard	Baltimore, Maryland
Whitted, Norfleet C.	Orange, North Carolina
Wilson, O. M.	Richmond, North Carolina
Wyche, Percy	Vance, North Carolina
Young, James	Nash, North Carolina

Third Year Trade Class.

Beaver, Dennis	Wake, North Carolina
Boddie, George B.	Edgecombe, North Carolina
Burnette, Charles	New Hanover
Clark, J. H.	Beaufort, North Carolina
Dixon, Mylo ..	Alamance, North Carolina
Enoch, Walter	Alamance, North Carolina
Foust, Jasper	Onslow, North Carolina
Gaither, William P.	Buncombe, North Carolina
Gibson, Albria F.	Rowan, North Carolina
Graves, Marion	Guilford, North Carolina
Haywood, Chester	Montgomery, North Carolina
Herring, Johnny	Sampson, North Carolina
Howard, F. Bolden	Wythe, Virginia
Jeffreys, John	Alamance, North Carolina
Keys, Mack N.	Beaufort, North Carolina
Leary, William E.	Cumberland, North Carolina
Miller, Leon P.	Roanoke, Virginia
Miller, Jerry E.	Rutherford, North Carolina
Moore, Jasper L.	Nash, North Carolina
Mosby, Alfred	Norfolk, Virginia
Nelson, Sylvester	Mecklenburg, North Carolina
Roberts, Ignatius	Delaware, Pennsylvania
Small, William	Moore, North Carolina
Thomas, James	Franklin, North Carolina
Tynes, Alexander	Isle of Wight, Virginia
Wright, Wesley	Buncombe, North Carolina
White, Herbert N.	Buncombe, North Carolina
Womble, Russel	Moore, North Carolina

Fourth Year Trade Class.

Atkins, Olivet C.	Elizabeth, North Carolina
Brooks, C. Rufus	Guilford, North Carolina
Carr, Tobias L.	Norfolk, Virginia
Coppage, James E.	Norfolk, Virginia
Kerr, Bogle	Iredell, North Carolina
Lesueur, J. R.	Cumberland, North Carolina
McCormick, H. V.	Hoke, North Carolina
Murphy, William C.	Iredell, North Carolina
Reddrick, E. M.	Richmond, North Carolina
Tucker, David N.	Waterbury, Connecticut
Vincent, Percy	Cumberland, North Carolina
Whitted, Julian	Wayne, North Carolina

Freshman Class.

Bright, Ernest C.	Wayne, North Carolina
Caldwell, J. M. G.	Marion, South Carolina
Davison, George W.	Mecklenburg, North Carolina
Delmore, Harry	Mobile, Alabama
Freeman, Louis B.	Wake, North Carolina
Gilmer, Prather J.	Durham, North Carolina
Hill, Charles	Guilford, North Carolina
Jenkins, Lisbon B.	Durham, North Carolina
McRay, J. R. R.	Jones, North Carolina
Matthews, Baxter	Forsyth, North Carolina
Morrow, William E.	Guilford, North Carolina
O'Neal, Joseph C.	Norfolk, Virginia
Reddrick, Zachariah	Richmond, North Carolina
Reeves, Pearley	Albemarle, Virginia
Sherard, James M.	Wayne, North Carolina
Taylor, E. O.	Granville, North Carolina
Thompson, Charles F.	Moore, North Carolina
Thompson, Meredith	Wayne, North Carolina
Threadgill, Joseph T.	Anson, North Carolina
Whitted, Benjamin H.	Durham, North Carolina
Wynn, Charles S.	Bertie, North Carolina
Young, C. W.	North Hampton, North Carolina

Sophomore.

Blount, Dutch	Wayne, North Carolina
Cobb, John H.	Pitt, North Carolina
Foster, E. E.	Guilford, North Carolina
Hollomon, Herbert	Hertford, North Carolina
Humphrey, William H.	Gaston, North Carolina
McDonald, George	Bertie, North Carolina
Polk, Lonnie	Wake, North Carolina
Sapp, John W.	Guilford, North Carolina
Setzer, James L.	Yorktown, South Carolina
Steadman, James	Chatham, North Carolina
Smith, Leopold	Bertie, North Carolina

Junior.

Adams, Bilton F.	Wilkes, North Carolina
Coles, R. W.	Prince Edward, Virginia
Floyd, John H.	Robeson, North Carolina
Hollomon, R. B.	Hertford, North Carolina
Lackey, Elam	Alexander, North Carolina
Ward, Roscoe	Guilford, North Carolina

Senior.

Curry, Joseph W.	Davidson, North Carolina
Dupree, Dennis	Greene, North Carolina
Dupree, Jacob R.	Greene, North Carolina
Lee, David W.	Anson, North Carolina
McRae, John A.	Robeson, North Carolina
Rieves, Caswell	Guilford, North Carolina
Roberts, George	Cleveland, North Carolina
Scurlock, D. P.	Moore, North Carolina
Simmons, S. B.	Cumberland, North Carolina
Thh'bodeaux, O. W.	Parish of Orlean, Louisiana
Watlington, James M.	Caswell, North Carolina

Specials.

Burgess, Carlton	Wake, North Carolina
Bryant, Jack L.	Brunswick, North Carolina
Claiborne, Nathaniel	Vance, North Carolina
Daniels, Nathaniel B.	Granville, North Carolina
Elliot, Walter	Cumberland, North Carolina
Hooker, William E.	Jones, North Carolina
Jenkins, John	New Hanover, North Carolina
Fisher, Eugene L.	Guilford, North Carolina
Lay, Benjamin A.	Lincoln, North Carolina
Lewis, Alexander	Johnston, North Carolina
Nicholson, H. B.	Edgefield, South Carolina..
Overby, William	Granville, North Carolina
Powell, S. W.	Robeson, North Carolina
Smelley, Vernon P.	Norfolk, Virginia
Thomblin, Harry P.	Fitzgerald, Georgia
Wall, Q. C.	Johnston, North Carolina

Teachers' Training Class.

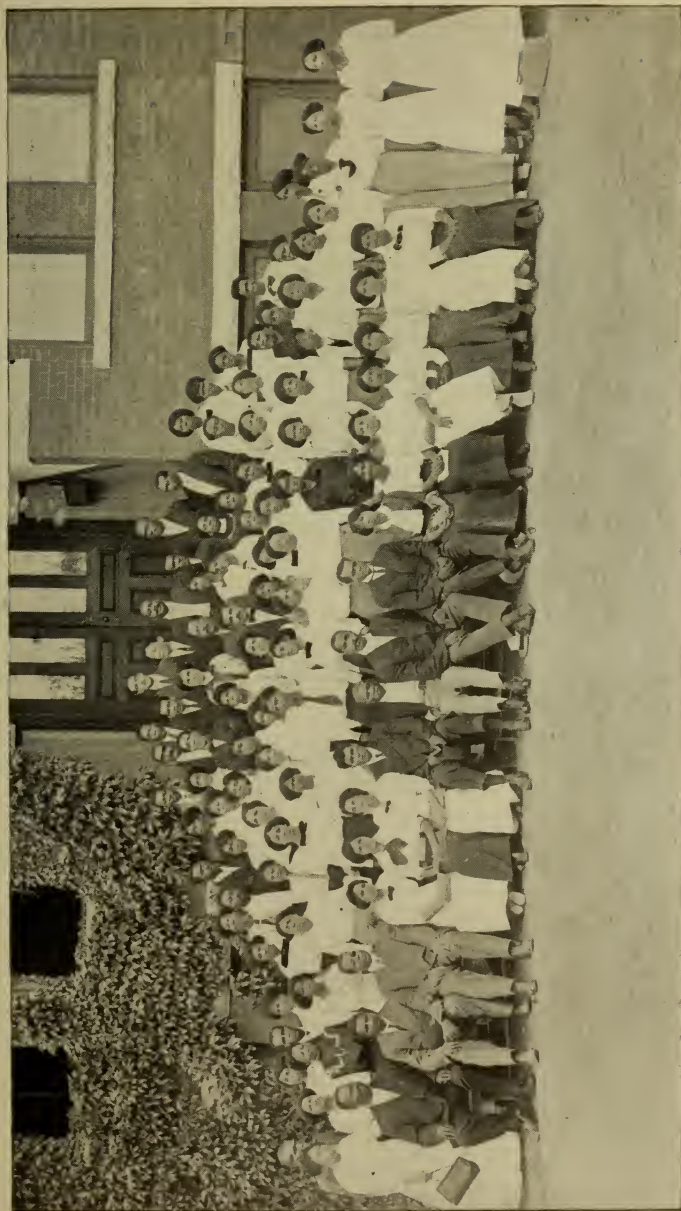
Markham, William H.	Durham, North Carolina
Love, George B.	Haywood, North Carolina
Slade, Sir Walter Raleigh	Wake, North Carolina
Speller, George W.	Bertie, North Carolina
Webb, H. E.	Alamance, North Carolina

Distribution of Students by Counties of North Carolina.

County.	No.	County.	No.	County.	No
Alamance	9	Forsyth	1	Northampton	1
Alexander	1	Franklin	4	Onslow	1
Anson	4	Gaston	6	Orange	7
Beaufort	3	Granville	5	Pamlico	3
Bertie	5	Greene	3	Person	1
Brunswick	1	Guilford	24	Pitt	2
Buncombe	3	Halifax	4	Richmond	5
Cabarrus	7	Haywood	1	Robeson	5
Carteret	1	Hertford	2	Rockingham	2
Caswell	6	Hoke	2	Rowan	1
Catawba	2	Iredell	2	Rutherford	7
Chatham	2	Johnston	6	Sampson	2
Chowan	1	Jones	2	Scotland	4
Cleveland	1	Lee	1	Union	1
Cumberland	8	Lincoln	4	Vance	3
Davidson	1	Mecklenburg	6	Wake	10
Davie	1	Montgomery	2	Wayne	8
Durham	5	Moore	5	Wilkes	3
Edgecombe	3	Nash	2	Wilson	2
Elizabeth	1	New Hanover	4		

Summary of Regular Students.

Alabama	4
Connecticut	1
Georgia	2
Kentucky	1
Louisiana	1
Maryland	2
New Jersey	2
North Carolina	219
Pennsylvania	2
South Carolina	8
Virginia	14
Total	256



Summer School Teachers and Students, 1913

Distribution of Summer School Students.

Alamance	9	Granville	5	Richmond	3
Anson	2	Guilford	81	Robeson	6
Bertie	1	Hoke	1	Rockingham	7
Burke	1	Iredell	1	Scotland	1
Cabarrus	2	Lincoln	1	Wake	4
Carteret	1	Martin	1	Warren	2
Columbus	1	Mecklenburg	4	Wayne	2
Cumberland	4	Montgomery	2	Yadkin	1
Curituck	1	Moore	3		
Davidson	4	New Hanover	2	Alabama	2
Durham	3	Orange	2	Georgia	1
Edgecombe	1	Person	1	Massachusetts	2
Forsyth	2	Pitt	1	Virginia	3
Gaston	2	Randolph	2		

Summary of All Students for the Year Ending May 31, 1914.

Alabama	66
Connecticut	1
Georgia	3
Kentucky	1
Louisiana	1
Maryland	2
Massachusetts	2
New Jersey	2
North Carolina	385
Pennsylvania	2
South Carolina	8
Virginia	17
Total	430
Number of States	11
Number of Counties of North Carolina	67
Total	78

SUMMER SCHOOL.

The fifteenth annual session of the A. & M. College Summer School will begin June 29th and continue five weeks. The Negro teachers of the State are invited to co-operate in building a strong State Summer School that will help to foster patriotism and bind together all who are interested in educational progress.

Specialists in Primary Method, School Management and all the common branches will be included on the staff of instructors.

Terms—Session, \$12.00; week, \$3.00; day, 75c.

The college is beautifully located and is an ideal spot for a pleasant summer resort.

For Prospectus, etc., apply to President J. B. Dudley, Greensboro, N. C., or Dr. D. J. Jordan, Director of the Summer School, A. & M. College, Greensboro, N. C.

AGRICULTURAL AND MECHANICAL COLLEGE FOR THE
COLORED RACE
Greensboro, North Carolina.

APPLICATION FOR ADMISSION

1. Name
2. Post-Office Address (city)
3. Street and Number.....R. F. D.....
4. County State
5. Guardian's } Name
5. Parents' }
6. Home (Post Address, city).....
7. Age last birthday
8. What day do you expect to enter school?.....
9. Name of school you attended last.....
10. Give postoffice address of your last teacher.....
11. Have you ever been dismissed, suspended or expelled from a school?
12. Recommended by
13. Present work is.....
14. I desire to learn

In applying for admission, I promise, if accepted, to conduct myself in a manner becoming a gentleman, and to make proper use of the educational advantages offered. I promise to observe and obey the regulations of the institution.

(Applicant's signature).....

Do not write below this line.

The applicant has been examined and assigned to.....Year Class.

.....Dept. Classifier.

Tuition..... Lodging..... Medical Fee.....

.....Bursar.

Vaccination requirements satisfied, this.....191....

.....M. D.

The above application approved.

.....President

No..... Entered..... Page.....

(Over)

DIRECTIONS FOR ENTRANCE

The applicant will make the following payments:

Monthly Payments

Tuition, per month	\$1.00
Lodging—use of room, bedding, etc., per month.....	1.00
Board, per month	5.00

Term Payments

Chemical Laboratory Fee	\$1.00
Physical Laboratory Fee50

Yearly Payments

Incidental Deposit	\$2.00
Registration Fee	1.00
Matriculation fee, payable once	5.00
Dining Hall Fee	2.00
Medical Fee	1.00
Library Fee	1.00
Athletic Fee50

These charges are payable strictly in advance.

No student can remain on the grounds longer than 24 hours without registering.

No student will be admitted in any department of the college without paying first month's expenses in advance.

JAS. B. DUDLEY, President.

(Over)



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Agricultural and Mechanical College
For the Negro Race.

Greensboro, N. C.

COLLEGE SONG

(By Mrs. Jas. B. Dudley.)

Dear A. & M., dear A. & M.,
A monument indeed
Around thy base with grateful hearts
Behold thy students kneel.
We bless the power that gave thee
birth
To help us in our need;
We'll ever strive while here on earth
All loyalty to yield!

(Chorus)

With joy, with joy, dear A. & M.,
Thy students turn from thee
To spread thy trophies year by year,
From Dare to Cherokee.

Dear A. & M., dear A. & M.,
The signet thou shalt be,
Set by our great, old commonwealth,
Proud boaster of the free.
She'd have the record of her worth
On granite not inscribed;
Nay; let the children of her birth
Proclaim it by their lives.

Dear A. & M., dear A. & M.,
Henceforth our aim shall be,
By precepts wise, by deeds more sure,
To bless the State through thee.
The arts of industry to wield
Against an idle foe;
A harvest rich, from ripened fields
Of what thy students sow.